

WELLESLEY COLLEGE

· CALENDAR ·

1894-95

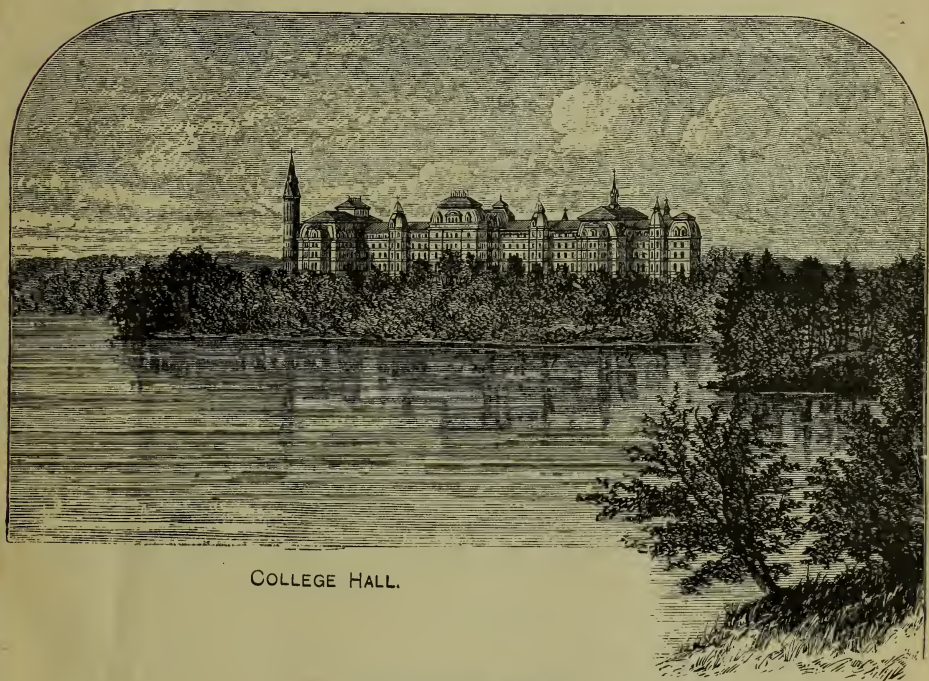
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WELLESLEY COLLEGE
WELLESLEY, MASSACHUSETTS

MAY 22 1933

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CALENDAR
OF
WELLESLEY COLLEGE.



COLLEGE HALL.

1894-95.

BOSTON :
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1894.

Calendar.

1894.

Examinations 9 A. M. September 19-22.
 Academic Year begins 8 A. M. Thursday, September 20.
 Recess from 12.30 P. M. Wednesday, November 28, until 12.30 P. M. Friday,
 November 30.
 Recess from 5 P. M. Wednesday, December 19, 1894, until 8 A. M. Thursday,
 January 10, 1895.

1895.

Examinations begin 9 A. M. Saturday, January 19.
 Day of Prayer for Colleges Thursday, January 31.
 Second Semester begins Friday, February 1.
 Holiday Friday, February 22.
 Recess from 5 P. M. Wednesday, March 27, until 8 A. M. Tuesday, April 9.
 Holiday Friday, April 19.
 Holiday Thursday, May 30.
 Examinations begin 9 A. M. Tuesday, June 11.
 COMMENCEMENT Tuesday, June 25.
 ALUMNÆ DAY Wednesday, June 26.

Examinations September 18-21.
 Academic Year begins 8 A. M. Thursday, September 19.
 Recess from 12.30 P. M. Wednesday, November 27, until 12.30 P. M. Friday,
 November 29.

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Wellesley College,

WELLESLEY, MASS.

WELLESLEY COLLEGE was established in 1875, for the purpose of furnishing young women who desire to obtain a liberal education, such advantages and facilities as are enjoyed in institutions of the highest grade.

By the charter, "the corporation of Wellesley College is authorized to grant such honorary testimonials, and confer such honors, degrees, and diplomas, as are granted or conferred by any University, College, or Seminary of learning in this Commonwealth; and the diplomas so granted shall entitle the possessors to the immunities and privileges allowed, by usage or statute, to the possessors of like diplomas from any University, College, or Seminary of learning in this Commonwealth."

The College is undenominational, but distinctively and positively Christian in its influence, discipline, and instruction. The systematic study of the Bible is required. Daily service is held in the chapel. The Sunday services are conducted by ministers of different denominations.

Wellesley is on the Boston and Albany Railroad, fifteen miles west of Boston. The town is known as one of the most healthful in Massachusetts. The College grounds include more than three hundred acres, and give ample opportunity for exercise and recreation. Lake Waban affords a most attractive place for boating and skating.

Two systems of lodging are in use at Wellesley,—the cottage system and the hall system. College Hall (arranged in suites consisting of study and sleeping room) accommodates three hundred and twelve persons; Stone Hall (with single apartments and four dining rooms), one hundred and seven; Freeman Cottage, fifty-one; Wood Cottage, forty-eight; Norumbega Cottage, thirty-eight; The Eliot, thirty-one; Simpson Cottage, twenty-three; Waban Cottage, ten; Fiske Cottage, thirty-two. Each Hall has an elevator. Many students find boarding places in Wellesley village.

The health of the students is considered of primary importance. In the construction of the buildings this has been constantly kept in view. Everything possible has been done to give an abundance of light,

sunshine, fresh air, and pure water. The health of the students is in the care of two health officers. A hospital, separated from the rest of College Hall, is provided for those who may be ill, and a nurse is in constant residence. No charge is made for attendance or medicine, except in case of prolonged illness. All the rooms are thoroughly furnished, and supplied with student lamps. All the buildings are supplied with hot and cold water. The drainage, natural and artificial, is excellent. College Hall, Stone Hall, Freeman, Wood, Norumbega, and Simpson Cottages are located on hills, and the ground slopes from them in every direction, so that stagnant waters and dampness are impossible.

Requirements for Admission.

A CANDIDATE for admission must be at least sixteen years of age, and must present satisfactory evidence of good moral character and good health. A blank form for the certificate of health will be sent to her on July 20th. This certificate and a testimonial as to moral character, must be received by the President before September 1st.

No preparatory department is connected with the College.

Candidates for the Freshman Class of 1895 must pass satisfactory examinations in the following subjects:—

I. ENGLISH.

Grammar.—Analysis and Criticism of Sentences.

Rhetoric.—Choice of Words, Construction of Sentences, and Figures of Speech.

Text-books recommended: A. S. Hill: Foundations of Rhetoric; W. G. Mead: Elementary Composition and Rhetoric; Strang: Exercises.

Composition.—The examination essay should be written on one of three subjects, and should contain not less than five hundred words; it should be correct in punctuation, capital letters, spelling, and grammar, and should show proficiency in the principles of Rhetoric named above.

That these requirements may be satisfactorily met, there should be practice in composition equivalent to fortnightly themes during the first two years, and weekly themes during the last two years, of the preparatory course.

The subjects for the examination essay will be taken from the English Literature required for the year. These subjects will be given to the candidate at the time of the examination, and from them one is to be chosen upon which the essay is to be written in the class room, without reference to books.

Literature.—Critical reading, with literary analysis and class discussion, of the books set by the Commission of New England Colleges. The list for 1895, 1896, 1897, and 1898 reads as follows:—

FOR 1895.—Shakespeare's Merchant of Venice and Twelfth Night; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Longfellow's Evangeline; The Sir Roger de Coverley Papers in the "Spectator"; Macaulay's Essays on Milton and on Addison; Webster's First Bunker Hill Oration; Irving's Sketch Book; Scott's Abbot.

FOR 1896.—Shakespeare's Merchant of Venice and Midsummer Night's Dream; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Longfellow's Evangeline; Macaulay's Essay on Milton; Webster's First Bunker Hill Oration; De Foe's History of the Plague in London; Irving's Tales of a Traveller; Scott's Woodstock; George Eliot's Silas Marner.

FOR 1897.—Shakespeare's Merchant of Venice and As You Like It; Scott's Marmion; Longfellow's Evangeline; Burke's Speech on Conciliation with America; Macaulay's Life of Samuel Johnson; De Foe's History of the Plague in London; Irving's Tales of a Traveller; Hawthorne's Twice Told Tales; George Eliot's Silas Marner.

FOR 1898.—Shakespeare's Merchant of Venice and Julius Cæsar; Goldsmith's Deserted Village; Scott's Marmion; Longfellow's Courtship of Miles Standish; Burke's Speech on Conciliation with America; Macaulay's Life of Samuel Johnson; De Foe's History of the Plague in London; Hawthorne's Twice Told Tales; Thackeray's The Newcomes; George Eliot's Silas Marner.

II. GEOGRAPHY :—

Ancient Geography of Greece, Italy, and Asia Minor.

III. HISTORY :—

A brief history of the United States to the close of the Revolutionary War; of Greece to the Peloponnesian War; and of Rome to the close of the first century A. D. English History may be substituted for Greek History by candidates not offering Greek.

IV. MATHEMATICS :—

Algebra.—Proportion, Inequalities, Powers and Roots, Quadratic Equations, Arithmetic Progression, Geometric Progression.

Plane Geometry.—As found in Chauvenet, or its equivalent.

Deficiency in preparation usually results from one or more of the following causes: the use of elementary text-books, insufficient length of time spent in preparation, neglect of exercises in original demonstration in Geometry, and neglect of reviews in both Algebra and Geometry. The text-books recommended are: Jones's Drill-book in Algebra and Chauvenet's Geometry. Candidates who have studied elementary text-books only cannot be received on certificate. One and a third years, with daily recitations, is the minimum time in which satisfactory preparation can be made in Algebra; and one year with daily recitations is the minimum in Geometry. We strongly urge the necessity of constant exercise in original demonstration in Geometry, with frequent written examinations in both Algebra and Geometry, the problems proposed being drawn from other sources than the text-books.

V. LANGUAGES :—

1. Latin.

Grammar, including Prosody.

The study of the rules of Prosody should be accompanied by such exercises in transposition of Latin verses as will make the rules familiar.

Forty written exercises in translation of English into Latin, which shall be equivalent, both in amount and in principles involved, to the whole of Jones's Prose Composition.

If no text-book is used the candidate will be liable to examination.

Cæsar, Gallic War, four books.

Cicero, seven orations.

Vergil, *Æneid*, six books.

Equivalents will be accepted; but verse will not be taken in place of prose, nor anything instead of the required translation of English into Latin. Constant practice in reading at sight is urged. The entrance examinations and the conduct of the work in College assume such training.

In pronunciation, the following rules are recommended: *ā* like second *a* in *aha*! *ä* like first *a* in *aha*! *ē* as in *fête* (not *fate*); *ë* as in *very*; *ī* as in *caprice*; *î* as in *capricious*; *ō* as in *more*; *ö* as in *wholly* (not as in *holly*); *û* as in *rural*; *ü* as in *puss*; *æ* nearly as in *pear*, or better, as in German *sprüche*; *ai* as *aye* (yes); *au* nearly as *ou* in *house*, or, better, with more of the sound of the *u*, as in German *haus*; *ei* as in *vein*; *eu* (eh-oo); *oe* as in *Goethe*; *ui* as in *cuirass*; *c* as in *sceptic*, never as in *sceptre*; *g* as in *gig*, never as in *gin*; *gn* makes preceding vowel long; *d*, *l*, *n*, *t* more dental than in English; *i* (consonant) as in *onion*; *m* final, when not elided, touched lightly and obscurely, something as in *tandem* (*tandm*); *n* before *c*, *g*, *q*, *x*, as in the same position in English; *n* before *s* or *f*, nasal, lengthening the preceding vowel, as in *renaissance*; *r* trilled, as in Italian or French (this is most important); *s* as in *sis* (never as in *his*); *t* as in *tot* (never as in *motion*); *th* as in *then* (never as in *thin*); *v* (consonant) nearly as in *verve*, but labial rather than labio-dental, like the German *w* (not like the English *w*); let the English *v* be given as nearly as may be while directing the lower lip toward the upper lip, and avoiding the upper teeth; *x* as in *six*; *z* as *dz* in *adze*. Double consonants should be pronounced with great distinctness, yet smoothly, by holding the first till ready to pronounce the second. Great care should be given to the observance of quantity. In writing, the length of the vowels should, for a time at least, be marked by the student, and in reading, quantity should be strictly observed, no less in prose than in verse.

2.* One of the following languages. (For details of requirements in Greek, French, and German, see below.)

a. Greek; maximum requirement.

b. French; maximum requirement.

c. German; maximum requirement.

3.* One of the following languages. (For details, see below.)

a. Greek: An amount equivalent to the first year of preparatory work. *It must be distinctly understood that this preparation does not admit the student to any college course in Greek.*

b. French: Either minimum requirement, or sight reading.

c. German: Either minimum requirement, or sight reading.

* The same language may not be offered to meet requirements 2 and 3.

MAXIMUM REQUIREMENT IN GREEK.

Grammar. *The etymology must be thoroughly mastered.*

Prose Composition. Collar and Daniell's, Jones's, Winchell's, or Woodruff's, entire, including a systematic study of the main principles of syntax.

Xenophon, *Anabasis*, three books.

Homer, *Iliad*, three books; with scansion.

Candidates must be prepared to translate at sight both Attic and Homeric Greek of average difficulty, and to write in Greek a connected passage based upon Xenophon.

The text-books recommended are: For the first year, either Hadley and Allen's, or Goodwin's Grammar, with Boise's, White's, or Keep's First Lessons.

Particular attention should be given to the correct writing of Greek with the accents, to exercises both oral and written, and to the use of the blackboard for constant practice upon forms and constructions.

The following pronunciation is recommended; *a* as *a* in father; *η* as *e* in prey; *ε* as *i* in machine; *ω* as *o* in prone; *υ* as French *u*. The short vowels should be merely somewhat shorter than the corresponding long vowels; *αι* as *ay* in *aye*; *ει* as *ei* in *rein* or in *height*; *οι* as *oi* in *oil*; *υι* as *ui* in *quit*; *αυ* as *ou* in *house*; *ευ* as *eu* in *feud*; *ου* as *ou* in *youth*; *γ* before *κ, γ, χ, ξ* as *n* in *anger*, elsewhere hard; *θ* as *th* in *thin*; *χ* guttural, as *ch* in German *machen*.

The teachers of language in the preparatory schools are urged to insist upon the use of simple and idiomatic English in translation.

Ability to read at sight either easy French or German prose is strongly recommended to all classical students.

MAXIMUM REQUIREMENT IN FRENCH.

If French only is presented the candidate must be prepared to meet the maximum requirement. She will be examined on the following books or their equivalents:—

Grammar. Chardenal: First and Second Course in French. Larousse: *Grammaire Française, Première Année* (or any other grammar in French).

Reading. Colomba, by Mérimée. Contes Choisis d'Alphonse Daudet. Halévy: L'Abbé Constantin. Not less than two such plays as those published by Bôcher (College Plays), or those of Legouvê et Labiche.

To be committed to memory:—

Three of La Fontaine's fables, three short poems from Victor Hugo, and three from other nineteenth century poets.

Prose Composition. Special drill in idioms: Grandgent's Materials for composition based on "L'Abbé Constantin."

The candidate will be expected to be familiar with French grammatical forms and usage, and to have given special attention to composition and conversation. French is the language of the class room.

The preparation for maximum requirement should cover a period of at least two years, five recitations per week:

MINIMUM REQUIREMENT IN FRENCH.

An amount equivalent to the following :—

Chardenal : First French Book ; Rules and Exercises for Beginners, supplemented by exercises from Larousse's *Grammaire française*, première année.

Reading : *Contes Choisis de Daudet*. *Récits Historiques de Guizot*, Vol. I., *La Cigale chez les Fourmis*, Legouvé et Labiche.

To be committed to memory : Not less than three short, easy poems from Victor Hugo, two fables of La Fontaine.

The student intending to offer sight reading in French, should read at least three hundred pages of such French texts as *La Mère au Diable* de George Sand, *Contes Choisis de Daudet*, or Luquiens' French Prose of Popular Science.

Students who offer sight reading in French may be admitted to translation classes, but not, without additional preparation, to French II.

The preparation for minimum requirement in French should cover at least one year, five recitations per week. This work should not be crowded into a shorter time, and should be done under competent teachers.

I. MAXIMUM REQUIREMENT IN GERMAN.

If German only is presented, the candidate must be prepared to meet the maximum requirement :—

(1) A distinct German pronunciation, which may be acquired at the outset by a course in phonetics ; (2) A knowledge of the important rules of elementary grammar, which the student should be able to state in German, and to illustrate by original examples ; (3) Ability to understand spoken German, an easy lecture or novel, which will be acquired if German is made the language of the class room ; (4) Fluency in conversation upon simple topics, and knowledge of German idioms, which are gained by object lessons according to Pestalozzi's *Anschauungs Method* and by constant recitation in German ; (5) Ability to understand and recite some short specimens of choice lyric poetry ; (6) Ability to translate easy German at sight ; (7) Ability to translate easy English into German, to write simple compositions, and to use the German script.

These results can be obtained by the following course, or its equivalents :—

Grammar : *Deutsche Grammatik*, by Wenckebach-Schrakamp, pp. 1-156 and 193-291.

Prose composition : *German Composition*, by Ch. Harris, pp. 1-54 ; written abstracts of lessons in conversation, and stories from the *Lesebuch*.

Reading : *Deutsches Lesebuch*, by Wenckebach, pp. 1-126 and 167-247, studied according to the directions given in the preface. An easy story for practice in

sight reading (*e. g.*, Meissner's *Aus meiner Welt*), a drama (*e. g.*, *Minna von Barnhelm*, by Lessing), and Goethe's *Dichtung und Wahrheit*, three books.

Conversation: *Deutscher Anschauungs-Unterricht*, by Wenckebach, pp. 1-52, 78-82, 91-117, 128-161. Idioms, pp. 315-332 (see preface).

Poetry: *Die Schönsten Deutschen Lieder*, compiled by Wenckebach; the first five "Volklieder," and numbers 2, 3, 8, 10, 14, 15, 18, 19, 20, 21, 22, 23, 26, 28, 30, 32, 33, 34, 37, 40, 42, 45, 46, 47, 50, 51, 52, 59, 60, 61, 62, 63, committed to memory.

The maximum preparation in German should cover a period of at least two years, five recitations per week.

2. MINIMUM REQUIREMENTS IN GERMAN.

There are two minimum requirements, either of which the students can offer.

1. The first year's part of the maximum requirement.

(1) *Deutsche Grammatik*, pp. 1-130 and 262-270. German Composition, pp. 1-21; (2) Reading: *Deutsches Lesebuch*, pp. 1-125 and 167-247. Poetry committed to memory, pp. 220-224 in the *Lesebuch*; (3) Speaking exercises: *Deutscher Anschauungs-Unterricht*, pp. 1-36. Idioms, pp. 315-319.

2. The ability to read easy prose at sight.

The student should translate, with attention to the grammar, at least two hundred pages of such German texts as Andersen's *Bilderbuch ohne Bilder*, Fouqué's *Undine*, Chamisso's *Peter Schlemihl*.

Students meeting the second minimum requirement may be admitted to translation classes, but not to German II. without additional preparation.

The minimum preparation in German requires at least one year, five recitations per week. This work should not be crowded into a shorter time, and should be done under competent teachers.

Equivalents will be accepted only in the same department of work. Thus, reading will not be accepted instead of grammar, poetry instead of conversation, etc.

VI. SCIENCE:—

Any one of the four following sciences may be offered in place of language 3: (*a*) Physics: Gage's *Elements of Physics*, or the Harvard requirements in Physics; or, the courses outlined in the Report of the Committee on Secondary School Studies, pp. 117-127. (*b*) Chemistry: Remsen's *Introduction to the Study of Chemistry*, Briefer Course; or, the course outlined in the Report of the Committee on Secondary School Studies, pp. 117-137. (*c*) Zoölogy: Colton's *Practical Zoölogy*, except those parts which involve the use of the compound microscope. The student must be able to recognize the animals, and to make the dissections

described in that book. (*d*) Physical Geography: the text-books of Guyot and Maury, or the one published by Appleton & Co., omitting the chapters upon geological and astronomical topics. Each applicant must bring some satisfactory evidence of having received systematic instruction in the science.

The preparation in these sciences should cover at least one year, five recitations per week. In all these science courses, except Physical Geography, note-books of laboratory work, certified by the teacher, are to be presented in addition to examination or certificate of examination upon the text.

Physiology.—Students desiring to take an entrance examination in Physiology may prepare themselves by the study of Martin's Human Body, Briefer Course. Students who pass this examination may substitute for the College Physiology a one-third course in any other subject.

TIMES AND PLACES OF EXAMINATIONS.

Examinations are given in June and September at the College. Candidates may take examinations in preliminary subjects; viz., Rhetoric, History of Greece, Rome, and the United States, Ancient Geography (studied in connection with History), Cæsar, and Anabasis (Anabasis and Grammar), in June or September of any year before entering college; examinations in all other subjects must be taken within a year of entrance.

In June, entrance examinations may be appointed in any city where two or more candidates desire it. Application for these examinations should be made, before April 1st, to the Secretary of the Board of Examiners.

Entrance examinations will be held at the College at the following times:—

JUNE, 1895.

Tuesday, June 11.—Geometry, 8.30–10.15 A. M.; Algebra, 10.30 A. M.–12.30 P. M.; Grammar and Rhetoric, 2–3 P. M.; English Literature and Composition, 3–5 P. M.

Wednesday, June 12.—Physics or Chemistry or Zoölogy or Physical Geography, 8.30–10.15 A. M.; French (minimum), 10.30 A. M.–12.30 P. M.; History (English or Grecian), 1.45–2.45 P. M.; German (minimum), 2.45–5 P. M.

Thursday, June 13.—Greek Grammar, 8.30–10 A. M.; Greek Prose Composition, 10.15–11.45 A. M.; United States History, 11.45 A. M.–

12.30 P. M.; German (maximum) 9-11.45 A. M.; Anabasis, 2-3 P. M.; Iliad, 3-4.30 P. M.; French (maximum) 3-5 P. M.

Friday, June 14. — Cæsar and Cicero, 9-10.45 A. M.; Latin Prose Composition, 11 A. M.-12.30 P. M.; Vergil and Prosody, 2-3.30 P. M.; Roman History, 3.45-4.45 P. M.

SEPTEMBER, 1895.

Wednesday, Sept. 18. — Geometry, 8.30-10.15 A. M.; Algebra, 10.30 A. M.-12.30 P. M.; Grammar and Rhetoric, 2-3 P. M.; English Literature and Composition, 3-5 P. M.

Thursday, Sept. 19. — Cæsar and Cicero, 9-10.45 A. M.; Latin Prose Composition, 11 A. M.-12.30 P. M.; Vergil and Prosody, 2-3.30 P. M.; Roman History, 3.45-4.45 P. M.

Friday, Sept. 20. — Physics or Chemistry or Zoölogy or Physical Geography, 8.30-10.15 A. M.; French (minimum), 10.30 A. M.-12.30 P. M.; History (English or Grecian), 1.45-2.45 P. M.; German (minimum), 2.45-5 P. M.

Saturday, Sept. 21. — Greek Grammar, 8.30-10 A. M.; Greek Prose Composition, 10.15-11.45 A. M.; United States History, 11.45 A. M.-12.30 P. M.; German (maximum) 9-11.45 A. M.; Anabasis, 2-3 P. M.; Iliad, 3-4.30 P. M.; French (maximum), 3-5 P. M.

ADMISSION ON CERTIFICATE.

RIGHT OF CERTIFICATION.

1. The Principal of a preparatory school who wishes a student to enter on his certificate in September, must apply for the right of certification not later than April 1st. In response to this application a blank form will be sent, which the Principal is requested to fill out and return, sending with it a catalogue or circular of the school.

2. The right of certification is given for the first year on trial, and only to schools which have students in preparation for Wellesley College. If the first students prove satisfactory, the right of certification will be continued for three years.

CERTIFICATE OF SCHOLARSHIP.

1. The Principal of the preparatory school must present a certificate of scholarship for each candidate. Blank forms will, on application, be sent to the Principal.

2. All certificates must be forwarded in time to be received at the College by July 3d, unless special arrangements have been made with

the Board of Examiners. On or before July 20th each candidate will be informed of the decision with regard to her certificate. This decision will be sent, also, to the Principal who is responsible for her preparation.

3. All certificates must show distinctly that the candidate has met in detail the requirements as published in the current Calendar. Whenever any variation has been allowed, the work done must be specifically stated and offered as an equivalent, to be accepted or refused.

4. All certificates must be signed by the Principal of the school, and countersigned by the assistants who have instructed the candidate.

5. Examinations in preliminary subjects, *i. e.*, Rhetoric, History of Greece, Rome, and the United States, Ancient Geography, Cæsar, Greek Grammar, and the Anabasis, may be held at any time before entering College. Examinations on all other subjects must be held within a year of entrance.

6. The candidate who has received the certificate of a Principal will not be exempt from the entrance examinations in any particular subject, unless her certificate shows that she has satisfactorily accomplished the full amount of work required in that subject. Any student whose certificate is found on July 3d to be deficient in more than three final or six preliminary subjects, may be refused the privilege of presenting supplementary certificate, or of taking examination the following September.

7. Candidates will not be admitted if conditioned in two, or heavily conditioned in one, of the following subjects: Latin, Greek, French, German, or Mathematics.

8. Upon the acceptance of the certificates of scholarship, health, and character (see pp. 14, 21), the student is received on probation, and upon satisfactorily completing the work of the first semester of the freshman year, is matriculated for the Baccalaureate degree.

All communications concerning entrance examinations and certificates should be addressed to the Secretary of Wellesley College, Wellesley, Mass.

ADMISSION TO ADVANCED STANDING.

Candidates for advanced standing must fulfill the requirements for admission to the freshman class, and must also be prepared to be examined in the required studies previously pursued by the class which they wish to join, and in a sufficient number of electives to give full standing with that class.

Such candidates, if they come from other colleges, may present certificates of collegiate work; but it should be clearly understood that they are not necessarily thereby relieved from examinations.

All correspondence should be addressed to the Secretary of the College.

Time Limit for Examinations.

(*Revision of p. 22, par. 5, Cal. for '94-'95.*)

Examinations in Rhetoric, History of Greece, Rome, England, and the United States, Ancient Geography, Cæsar, Latin Grammar, and Anabasis, may be held at any time before entering College. Examinations in either Algebra or Geometry, English Literature, Vergil and Prosody, Cicero, Iliad, Greek Grammar, German reading, poetry, and technical grammar for maximum requirement, French reading, poetry, and technical grammar for maximum requirement, Physics, Chemistry, Zoölogy, and Physical Geography, may be held at any time within fifteen months of entrance.

Examinations in all other subjects,—*i. e.*, English Composition, Latin Prose Composition, Greek Prose Composition, French Prose Composition and Conversation for maximum requirement, German Prose Composition and Conversation for maximum requirement, French and German minimum requirements, and in either Geometry or Algebra,—must be held not earlier than one year before entrance.

N. B. Attention is called to the additional entrance requirement which takes effect September, 1895. See Calendar, pp. 14-21.

Special Students.

OPPORTUNITIES are offered to students who are not candidates for a degree, but who are fitted for college work, and wish to avail themselves of college libraries and laboratories. Teachers who desire to devote a year or more to study along special lines, will find ample opportunity for prosecuting such work. All courses, graduate as well as undergraduate, are open to special students, subject to the conditions stated by the various departments. Candidates for admission as special students will, on application, receive a circular describing the conditions of entrance. They must furnish the usual certificates of character and of health, and must give evidence of such scholarship and mental maturity as will enable them to pursue successfully the studies they select. Every special student is expected to choose a primary subject, to which she will devote the greater part of her time, and in which she should elect two or more courses. She may pursue one or more allied subjects as secondary electives. Ten class exercises per week is the minimum, and seventeen the maximum, amount of work allowed.

Any student who creditably completes a prescribed group of courses in two or more departments will be granted a certificate. A circular describing these groups will be sent on application.

Special students cannot, during their first year, be lodged in the college buildings, but may find comfortable lodgings in the village. Application for entrance as a special student should be presented by the 15th of June.

Correspondence should be addressed to the Secretary of the College.

Examinations.

EXAMINATIONS are held at the end of each semester.

Examinations for advanced standing, or to make up deficiencies, are offered three times a year, at the semester examinations and during the days of the entrance examinations in September. Students intending to take such examinations should report to the departments concerned a week before these examinations begin.

Degrees.

THE following degrees will be conferred by the Trustees upon recommendation of the Academic Council :—

Bachelor of Arts.

Bachelor of Music.

Master of Arts.

REQUIREMENTS FOR THE B.A. DEGREE.

Every candidate for the B.A. degree must have completed the equivalent of fifty-nine one-hour courses;* of these, twenty-six will be required; the rest elective. The candidate must show that the equivalent of eighteen one-hour courses has been taken as follows: either (*a*) nine in each of two subjects, or (*b*) nine or twelve in one subject with nine or six in one or two tributary subjects.

The required subjects are as follows: Mathematics, four hours. Philosophy, three hours. Physiology and Hygiene, one hour. Bible, four hours. English, three hours. Natural Science, six or seven hours.¹ Language, three or four hours.²

Of these subjects, Mathematics must be taken in the freshman year; Physiology and Hygiene in the sophomore year; Bible, one hour per week in freshman and sophomore years, two hours per week in junior year; English, in the freshman, sophomore, and junior years, one hour per week each year. Of the Natural Sciences, one before the junior year,¹ and the other at any time during the course; language may be taken in any year.

Philosophy should be taken in the junior year, save in exceptional cases.

Elocution, two appointments per week will be required in the sophomore year.

More than fifteen class exercises per week will not be allowed except by permission of the President; for more than seventeen, a vote of the Academic Council is required.

Graduate Instruction.

GRADUATES of Wellesley College and of other institutions of equal rank, may pursue studies in this College, whether they make application for a higher degree or not. Graduate students in residence are given personal direction, and special opportunities for study.

Candidates for the degree of Master of Arts are strongly advised to work for the second degree *in residence* either at Wellesley College or in some institution of equal rank.

*A one-hour course is a course running once a week for one year.

¹ If a Natural Science is taken in the freshman year, it will be required four hours per week; otherwise three hours per week.

² If Language is taken in the freshman year, it will be required four hours per week; otherwise three hours per week.

Candidates for the Master's degree must already have taken the Bachelor's degree. One year is the minimum time required of all candidates studying in residence; but it must be understood that only students of ability and maturity will be able to complete the work in so short a time.

Every candidate will pay a fee of twenty-five dollars upon receiving the Master's degree.

Work for the Master's degree will henceforth not be conducted by correspondence.

In all cases examinations, either with or without theses, will be required; these examinations must be taken at Wellesley College.

Courses of Instruction.

THE following Courses of Instruction are offered by the several departments, those from which undergraduates are excluded being marked with brackets. The College reserves the right to withdraw the offer of any elective study when not chosen by at least six students.

I. GREEK.

- I. Lysias (selected orations); Plato: Apology and Crito; Greek into English, exercises based on prose read; Homer: Odyssey (selections amounting to about 2,500 verses). *Open to students who satisfy, either by certificate or examination, the requirements for admission. Four hours per week for a year.*

Associate Professors Montague and Edwards.

- II. Attic orators: selections; prose composition; Æschylus: Seven against Thebes. *Open to students who have completed Course I. Three hours per week for a year.*

Associate Professor Edwards.

- III. Historians: selections chiefly from Herodotus and Thucydides; Æschylus: Persians. *Open to students who have completed Courses I. and II. Three hours per week for a year.*

Associate Professor Edwards.

- IV. Origin and development of Greek Drama. Aristotle's Theory of Tragedy. Reading and criticism of selected dramas; Æschylus: Prometheus; Sophocles: Œdipus Tyrannus, Antigone, Electra; Euripides: Bacchæ. A study of all the extant plays.

of Æschylus and Sophocles is made by special topics. *Open to students who have completed Courses I., II., and III. or X. Three hours per week for a year.*

Professor Chapin.

- V. History of Greek Poetry. Theory of Poetry in Plato's *Ion*. Lectures and readings; Homeric Hymns; Hesiod; elegiac poets; lyric fragments; Pindar; Theocritus. *Open to students who have completed three full courses. Three hours per week for a year.*

Professor Chapin.

- VI. *Private life of the Greeks; lectures and readings; Aristophanes (selected comedies). *Open to students who have completed Courses I., II., and III. or X. Three hours per week for a year.*

Professor Irvine.

- VII. **[Greek Syntactical Seminary. Study of the Historical Development of Syntactical Usage. Three hours per week for a year.*

Professor Irvine.]

- VIII. *Homer. Readings and lectures. *Open to students who have completed Courses I. and II. Three hours per week for the first semester.*

Professor Irvine.

- IX. *Elements of style and criticism as treated in the writings of Aristotle, Dionysius of Halicarnassus and Longinus; with illustrative readings from orators and dramatists. *Open to students who have completed Courses I. and II. Three hours per week for the second semester.*

Professor Irvine.

- X. Plato: *Phædo*; selections, chiefly from the *Republic*. The selections will be planned to elucidate some special subject as treated by Plato. *Open to students who have completed Courses I. and II. Three hours per week for a year.*

Associate Professor Montague.

SCHOOL OF CLASSICAL STUDIES AT ATHENS.—This College has become a contributor to the support of the American School of Classical Studies at Athens. The school affords facilities for archæological and classical investigation and study in Greece, and graduates of this College are entitled to all its advantages without expense for tuition.

*Not given in 1894-95.

GREEK TESTAMENT.

- I. Life of Christ; text study of the Gospels; special study of the Gospel of St. John; lectures. An elective in Bible study for juniors. *Open to students who have completed Course I. of classical Greek. Two hours per week for a year.*
Professor Chapin.
- II. Life and writings of St. Paul; text study of the Acts and Epistles; lectures. An elective in Bible study for seniors. *Open to students who have completed Course I. of classical Greek. Two hours per week for a year.*
Professor Chapin.
- III. The Septuagint. Lectures. Readings, chiefly from the Psalms. Quotations from the Old Testament in the New. *Open to students who have taken Greek Testament I., or are taking Greek Testament II. One hour per week for a year.*
Professor Chapin.

II. LATIN.

- I. Cicero: selected letters; exercises in prose composition based on Cicero's Letters and Nixon's Parallel Extracts, English and Latin; Tacitus: Germania and Agricola; history of the Roman Empire during the first century A. D.; Capes's Early Roman Empire; Horace: selected odes. *Open to students who have met entrance requirements. Four hours per week for a year.*
Miss Hawes, Miss Van Deman.
- II. Lyric Poetry. Horace: Odes and Epodes. *Open to students who have had Course I. Three hours per week for first semester.*
Professor Lord.
- III. Epistles. Pliny's Letters, with selections also from Cicero and Horace; studies in Roman Life. *Open to students who have had Course I. Three hours per week for second semester.*
Professor Lord.
- IV. Comedy. Selected plays of Plautus and Terence. *Open to students who have had Course I. Three hours per week for first semester.*
Miss Hawes.
- V. Satire. Selections from Horace, Persius, and Juvenal. *Open to students who have had Course I. Three hours per week for second semester.*
Miss Hawes.

VI. Historians. Livy and Tacitus, with collateral readings from Sallust, Cicero, Pliny, and other authors. *Open to students who had two full courses, or equivalents. Three hours per week for a year.*

Miss Hawes.

VII. Philosophical Writings. Lucretius, Cicero, Seneca. *Open to students who have had two full courses, or equivalents. Three hours per week for a year.*

Professor Lord.

* VIII. Rhetorical Writings. Selections from Quintilian and Cicero. *Open to students who have had two full courses, or equivalents. Three hours per week for one semester.*

Professor Lord.

IX. Lyric, Idyllic, and Elegiac Poetry. *Open to students who have had two full courses, or equivalents. Three hours per week for a year.*

Professor Lord.

X. Course in reading and writing Latin. Designed particularly for those intending to teach. *Open to students who have had two full courses, or equivalents. One hour per week for a year.*

Professor Lord.

* XI. Roman Constitutional History. *One hour per week for a year.*

Professor Lord.

III. GERMAN.†

I.

I. Elementary Course.—Grammar, prose composition, reading, conversation, memorizing of poetry. *Three hours per week for a year.*

Fräulein Elsbeth Müller, Fräulein Beinhorn, Fräulein Mitzlaff.

II. Elementary Course.—Topics as in Course I. *Three hours per week for a year.*

Fräulein Habermeyer, Fräulein Beinhorn,
Fräulein E. Müller, Fräulein Mitzlaff.

III. Elementary Course.—Covering the amount of Courses I. and II. *Six hours per week for a year.*

Fräulein E. Müller, Fräulein Habermeyer, Fräulein Beinhorn.

* Courses VIII. and XI. are not given in 1894-95.

† Courses I., II. (or III.), V.-VII., XI. and XII., XV. and XVI. must be taken consecutively; the others are elective. Courses I.-XV. are open to all students; Courses XVI.-XXI. to juniors, seniors, and graduate students; Course XXII. to graduate students only.

Wenckebach's German text-books, *Deutsche Grammatik*, *Lesebuch*, *Anschauungs-Unterricht*, *Die Schönsten Deutschen Lieder*, and Harris' *German Composition* are used in the above courses. Meissner's *Aus meiner Welt* and Lessing's *Minna von Barnhelm* are read and translated. The aim of Courses I., II., and III. is to give the student a knowledge of elementary German grammar in the German language, ability to understand with ease spoken German, fluency in conversation upon simple topics, and in translating easy German into English, and *vice versa*. Special attention is paid to the writing in German of the summaries of the topics read and discussed in the class, to the memorizing of choice lyric poetry, to the acquirement of a correct German pronunciation, and to the writing of the German script.

IV. Scientific German, translation from German into English. *Open to students who have taken at least one year of German. Three hours per week for a year.*

Fräulein Habermeyer.

The course is intended to give a reading knowledge of German through the medium of translation only, for the use of the German language in History, Literature, Natural Sciences. The choice of books will depend on the subjects taken up by the class.

V. Grammar and Composition (Intermediate Course). *One or two * hours per week for a year.*

Fräulein Elsbeth Müller.

Review of elementary grammar and proficiency in more advanced grammar. Constant practice in prose composition (Harris), and letter writing.

VI. Schiller (Elementary Course). Lectures, reading, and translation, memorizing of poetry. *One hour per week for a year.*

Fräulein Habermeyer.

Schiller's life, with his early dramas, is made the basis of easy lectures and discussions in German, so that the student may become accustomed to follow an uninterrupted train of thought, and learn to think connectedly in a foreign language.

VII. Translation and Conversation (Intermediate Course). *One hour per week for a year.*

Fräulein Habermeyer.

The chapters on "Philosophy" and "Art" in Wenckebach's *Deutscher Anschauungs-Unterricht* are translated into English, and made the subject of oral discussions in German. Texts read and translated: Scheffel's *Ekkehard*; Grillparzer's *Sappho*.

VIII. Grammar and Composition. *One hour per week for a year.*

Fräulein Elsbeth Müller.

*The second hour is for freshmen, who are expected to take a four-hours' course.

- IX. Grammar and Composition (advanced course.) *One hour per week for a year.*

Fräulein Elsbeth Müller.

The principles of advanced grammar are continued according to the best German grammars. Constant practice in Prose Composition.

- X. Translation from German into English (Advanced Course). *One hour per week for a year.*

Fräulein Habermeyer.

Systematic training in translating difficult German into idiomatic English. The texts read and translated will be selected from scientific, historical, or philosophical works.

- XI. Goethe's Life and Works. Lectures, class-room discussions, essays, memorizing of poetry. *One hour per week for a year.*

Fräulein Elsbeth Müller.

Critical study of the principal characteristics of Goethe as a man, a dramatist, and a lyric poet. Much of the time will be devoted to reading (without translation) Götz von Berlichingen, Werther, Egmont, Iphigenie, etc., and to oral discussion and criticism of the texts. Reference books: Goethe's Dichtung und Wahrheit; Bernay's Der junge Goethe; H. Grimm, Goethe.

- XII. Germanic Mythology and Wölsungensaga. Lectures, recitations, and reading. *One hour per week for a year.*

Professor Wenckebach.

The main facts of Germanic Mythology and Sagas, as found in the Edda, Grimm's Deutsche Mythologie, Dahn's Walhall and Raszmann's Die Deutsche Heldensage are treated. A knowledge of these myths and sagas furnishes a valuable basis for the understanding of the Old and Middle High German literature.

- XIII.* German Prose, historical and other novels. Lectures, reading, discussions, essays. *One hour per week for a year.*

Fräulein Margarethe Müller.

Presentation of the historical development of the German novel, in lectures. Study of the modern novel in its form, character, and relation to German life. Special study of Freytag's, Dahn's, and Scheffel's historical novels (without translation).

- XIV. Theory of the Drama, illustrated by Schiller's dramas. Lectures, discussions, reading. *One hour per week for a year.*

Professor Wenckebach.

Treatment of the historical development of dramatic poetry. Study of the structure of the drama according to Freytag's Technik des Dramas. Analysis of Don Carlos, Maria Stuart, Wallenstein, Wilhelm Tell. Reference books: Carrière's Die Poesie; Kleinpaul's Poetik.

* Course XIII. will not be given in 1894-95.

XV. History of German Literature to 1100. History of the German Language. Lectures, discussions, reading, memorizing of poetry. *One hour per week for a year.*

Professor Wenckebach.

The aim of these lectures is to trace the parallel development of the language, literature, social conditions, and religious ideals of the times. The works read and discussed are: the Merseburger Zaubersprüche, the Hildebrandslied, the Wessobrunner Gebet, Muspilli, Selections from the Heliand, Otfried's Krist, Roswitha's dramas, the Waltharilied, etc., according to Wenckebach's Deutsche Literaturgeschichte and Musterstücke, Scherer's Geschichte der deutschen Literatur, Freytag's Bilder aus der deutschen Vergangenheit, Könnecke's Bilderatlas.

XVI. History of German Literature from 1100-1624. Lectures, discussions, reading, memorizing of poetry. *One hour per week for a year.*

Professor Wenckebach.

The method, aim, and reference books of this course are the same as in the preceding course. Chief topics: the Nibelungenlied, the Gudrunlied, the works of Wolfram, Gottfried, Hartmann, the Minnesingers and Meistersingers, Luther, Brant, Hans Sachs and the Volkslied. The reading will consist of representative specimens of German mediæval prose and poetry as found in Wenckebach's Meisterwerke des Mittelalters.

XVII. Middle-High German. Study of the Nibelungenlied, Gudrun and Walther von der Vogelweide in the original. *Open to students who have taken Courses XII. or XV. One hour per week for a year.*

Professor Wenckebach.

XVIII. Nineteenth Century Authors. Lectures, discussions, and reading. *One hour per week for a year.*

Fräulein Habermeyer.

Study of the more important authors of the nineteenth century in connection with the history of German civilization. Works read: Kleist's, Grillparzer's, and Gutzkow's chief dramas, the poems of Platen, Chamisso, Uhland, Rückert, Lenau, Heine, Freiligrath, Geibel, Hamerling. Reference books: the histories of literature by Kurz, Salomon, Schröer, Gottschall, König.

XIX. Lessing as Dramatist and Critic. Lectures, discussions, reading, essays. *One hour per week for a year.*

Professor Wenckebach.

Treatment of Lessing's critical work in literature, theology, and æsthetics. Works read and discussed are: Minna von Barnhelm, Emilia Galotti, Nathan der Weise, the Hamburger Dramaturgie, Laokoon, Erziehung des Menschengeschlechts, Axiomata, Anti-Götze. Reference books: Erich Schmidt's Lessing, Kuno Fischer's Lessing als Reformator der deutschen Literatur, Kuno Fischer, Lessing's Nathan, Baumgart, Handbuch der Poetik.

- XX.* Schiller as Philosopher and Writer on *Æsthetics*. Lectures, discussions, and reading. *One hour per week for a year.*
Fräulein Margarethe Müller.

Critical study of Schiller's life and philosophic-æsthetic poems and essays. Poems read: *Die Künstler, Ideal und Leben*; Essays: *Über die æsthetische Erziehung des Menschen*; *Über naive und sentimentalische Dichtung*. Reference books: Minor's Schiller; Kuno Fischer's Schiller als Philosoph, Überweg's Schiller als Historiker und Philosoph.

- XXI. Goethe's *Faust*, Part I. and II. Lectures, discussions, essays.
Two hours per week for a year.

Professor Wenckebach.

Extensive study of Goethe's *Faust* (Thomas' and Schroer's editions). Reading of selections from commentators. Contrasting of the *Volksbuch von Dr. Faust* with Marlowe's *Faustus* and the *Faust-Puppenspiel*. Study of the genesis of Goethe's *Faust*. Comparison of the Göchhausen "*Urfaust*" and the Fragments of 1790, with the completed First Part.

- XXII. Deutsches Seminar. Critical study of selected topics in German literature. *Three hours per week for a year.*

Professor Wenckebach, Fräulein M. Müller.

In this course the student will be expected to select special topics relating to some particular period of German literature, and to present the results of critical study or research in connection therewith.

The language of the class room is German, except in Course IV. Besides the hearing of lectures in German and the constant speaking exercises in the class room, opportunities for further practice in speaking are offered at the German tables.

There is a well-selected library of 3,315 German books, to which students in the higher German courses are constantly referred.

II.

- I. Braune's Gothic Grammar translated into English by G. H. Balg; Ulfilas' translation of the Bible; Selections; Wright's Old High German Primer; Muspilli, Ludwigslied, selections from Tatian and Otfrid; Wright's Middle High German Primer; selections from Berthold von Regensburg, Hartmann von Ouwe, Walther von der Vogelweide, and the Nibelungenlied. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Denio.

- II. Braune's Gotische Grammatik; Ulfilas' Bibelübersetzung; Braune's Althochdeutsche Grammatik; Braune's Althochdeutsches Lesebuch; Paul's Mittelhochdeutsche Grammatik; Das Nibelungenlied; selections from the Epic Poetry of the Twelfth and

*Course XX. will not be given in 1894-95.

Thirteenth Centuries; Walther von der Vogelweide; lectures on the following subjects: The Minnesänger and Meistersänger; Rise of the Drama; Prose Literature of the Fourteenth and Fifteenth Centuries; Volkslieder; Luther; Development and growth of New High German. *Open to students who have taken four years of German. Three hours per week for a year.*

Professor Denio.

Course I. is conducted in English; Course II. in German.

It is the purpose of these courses to give a practical knowledge of the grammar of the Gothic, Old High German and Middle High German languages, and practice in reading.

The College possesses a large, well-selected library of works on early German literature.

IV. ROMANCE LANGUAGES.

I. FRENCH.

- I. Chardenal: First French Course; Larousse: Grammaire française, première année; Castarède: Verbes; Choix de Contes contemporains, edited by O'Connor; Champfleury: Le Violon de Faïence; Michelet: La Prise de la Bastille. *Open to all students; freshmen four hours per week; all other students three hours per week for a year.*

Mlle. Clavel.

- II. Chardenal: French Exercises for advanced pupils; Larousse: Grammaire française, première année; Castarède: French verbs; La France littéraire au XIX^e Siècle, nos. 5 and 6 (Bel-fond); Michelet: Récits de l'histoire de la France; Recueil de Poésie, edited by Pylodet; Fables de La Fontaine. *Open to all students; freshmen four hours per week; all other students three hours per week for a year.*

Mlle. Clavel and Miss Jackson.

The object of Courses I. and II. is to give the student a good pronunciation, a knowledge of elementary grammar, ability to understand easy French, written or spoken, and power to give in French a written or oral résumé of a French passage, after the first reading.

- III. Kimball: Exercises in French Composition, based on Daudet's La Belle Nivernaise; Larousse: Grammaire Complète, 2^e Année. Loti: Pêcheur d'Islande, Morich edition; Molière: Les Femmes Savantes; Racine: Athalie; lectures on the history of

the French language. *Open to all students: freshmen four hours per week; all other students three hours per week for a year.*

Associate Professor Pugh, Mlle. Pellissier.

This Course is intended to give the student a practical knowledge of French grammar, frequent dictation exercises being used as a test; the ability to use French idioms in giving short summaries of the works read, and in translating from English into French exercises based on a French text; the ability to take notes on easy French lectures.

IV. Critical reading and translation: Authors of the XVII. century.

First semester: Corneille: Cinna, Le Cid, Horace, Polyeucte, Le Menteur; Racine: Andromaque, Britannicus, Iphigénie, Phèdre; Molière: Le Misanthrope, Les Précieuses Ridicules, Les Femmes Savantes, Tartuffe; L'Art Poétique de Boileau. Second semester: French Academy; Study of the Salons; Readings from the Mémoires, Correspondances, etc., of the seventeenth century. *One hour per week for a year.*

Associate Professor Pugh.

The object of this Course is to familiarize the student with French ideas on literature and on social life in the XVII. Century. Weekly lectures in French, summaries and collateral reading; exercises in translating English into French, based on a French text; essays.

V. Grammar, translation and composition. *One hour per week for a year.*

Associate Professor Pugh.

VI. Lectures and Reading: History of the development of the drama and novel in France. Especial attention paid to the seventeenth century. *One or two hours per week for a year.*

Associate Professor Pugh.

Courses IV., V., and VI. are so arranged as to form together a three-hours' course, and are open to those who offer preparation equivalent to I., II., and III.

VII. French Literature in the XVIII. Century: Lectures, discussions, summaries, essays, retranslation into French from passages selected from Voltaire, Montesquieu, Rousseau, and others; Paul Albert's Literature; Rambaud's Histoire de la Révolution Française. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Mlle. Pellissier.

The object of this course is to give a general view of French civilization in the XVIII. century, as shown by the literature, and the social and political institutions of the time.

- VIII. French Literature in the XIX. Century: Lectures by the instructor and the students, collateral reading, essays, and criticism; *Le Mouvement Littéraire au XIX^e Siècle*, by G. Pellissier. Texts studied in class: *Extraits de Chateaubriand*, by R. Sanderson; *Le Romantisme français*, by Crane; *La Triade française*, by Bothe-Hendriksen. *Open to juniors and seniors. Three hours per week for a year.*

Mlle. Pellissier.

This course will trace the development of the different schools of literature and thought which have marked this century.

- IX. Introductory Studies in Old French.

Studies of *Extraits de la Chanson de Roland*, edited by M. Gaston Paris; Bartsch: *Chrestomathie*. Translations into modern French. Study of Phonology. *Open to juniors and seniors. Two hours per week for a year.*

Associate Professor Pugh.

- X. Introductory Studies in Old French literature. Reading and lectures. *Open to juniors and seniors. One hour per week.*

Associate Professor Pugh.

In courses III.-IX. students are referred to the collection of works on French literature and on Romance Philology contained in the College library.

In 1895-96 a class will be organized enabling students entering on the requirement of sight reading in French to cover the work of Courses I. and II. in one year.

II. ITALIAN.

- I. Sauer's Italian Grammar, with written and oral exercises, conversation, dictation; reading and translation at sight from De Amici's *Cuore*. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Miss Jackson.

- II. Grammar; translation from English into Italian, reading from modern Italian writers; history of Italian Literature. First semester. Grammar; prose composition, reading from Dante, Petrarch, Ariosto and Tasso; history of Italian literature. Second semester. *Open to juniors and seniors. Three hours per week for a year.*

Miss Jackson.

- III. [History of Italian Literature in the XIII. and XIV. Centuries; lectures and essays. *Three hours per week for a year.*

Miss Jackson.]

- IV. [History of Italian Literature in the XIX. Century; essays. *Three hours per week for a year.*

Miss Jackson.]

Courses III. and IV. will be given in alternate years.

- V. Dante. Selections from the Divine Comedy (in English translations), with lectures on the history of the times. *Open to juniors and seniors. Three hours per week for one semester.*

Miss Jackson.

Papers and collateral reading will be required from the students. A knowledge of Italian is not required.

- *VI. French Epics of the Middle Ages. Selections from the Chanson de Roland, Paul de Cambrai, Merlin, Le Roman de Brut and Le Roman d'Alexandre in English translation. *Open to juniors and seniors. Three hours per week for one semester.*

Miss Jackson.

Lectures on feudal society and mediæval institutions in their relation to early French literature, will be given. Papers and collateral reading will be required of the students. While a knowledge of French is not required, ability to read average prose is desirable.

The object of Courses V. and VI. is to give students not making the Italian and French languages a specialty, some knowledge of the great Epics of the Middle Ages in Southern Europe.

III. SPANISH.

- I. Edgren: Spanish Grammar, with written and oral exercises, dictation, conversation, translation at sight of selected short stories; Selections from Cervantes; Calderon: *La Vida es Sueño*. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Pugh.

VII. ENGLISH.

1. RHETORIC, ENGLISH COMPOSITION, AND ENGLISH LANGUAGE.

- I. General Survey. The elements and qualities of Style; class discussions, weekly themes. First semester. (a) Translation. Description. Narration. Criticism. (b) Six lectures on certain English authors regarded as masters of style. Fortnightly themes. Second semester. *Required of freshmen. One hour a week for a year.*

Miss Hart, Miss Weaver.

* Course VI. will not be given in '94-'95.

- II. Exposition and Criticism. The structure of the Essay, Analysis of various masterpieces taken as models. Fortnightly themes. First semester. Review of the various kinds of writing thus far presented. Analysis of descriptions, stories, and essays, with study of structure and finish. Themes once in three weeks. Second semester. *Required of sophomores. One hour a week for a year.*

Miss Willcox.

- III. Argumentative Composition. Lectures once a week until February. A brief based on a masterpiece of argumentative composition. Three forensics preceded by briefs. Discussion of briefs and forensics. *Required of juniors. One hour a week for a year.*

Mr. Baker, Miss Hart.

- IV. Newspaper Work. Practice in reporting, condensing, editing. Writing of editorials, topics, and reviews. Study of current events. One hour a week for one semester. Alternative with the second semester of Course II. for students who have done superior work in the first semester of that course.

Miss Willcox.

- V. Practice in Debating. Discussion two hours a week of topics in Economics, History, and Literature. Open only to those students who take or have taken Rhetoric III. *Three hours a week for a year.*

Mr. Baker.

- VI. Daily Themes. Critical analysis in the class room of themes submitted. Four themes per week. Fortnightly themes. *Two hours a week for a year.*

Miss Weaver.

- VII. Anglo-Saxon Language and Literature. Anglo-Saxon Chronicles, prose of Alfred and Aelfric; short poems, Beowulf. *Open to freshmen. Four hours a week for a year.*

Designed for students intending to make a thorough study of the English Language, and so arranged as to lead to Course VIII., page 38, Calendar 1894-95.

Professor Stratton.

II. ENGLISH LITERATURE.

- I. Outline History of English Literature. Lectures and recitations. *Three hours per week for a year. Open to all undergraduates.*

Miss Eastman.

- II. English Prose to 1830. Critical studies. *Three hours per week for a year. Open to students who have taken or are taking Course I.*

Miss Sherwood.

- III. Epic and Lyric Poetry in English Literature. Emphasis on Spenser. Critical studies. *Three hours per week for a year. Open to students who have taken or are taking Course I.*

Miss Jewett.

- IV. Epic and Lyric Poetry in English Literature. Emphasis on Milton. Critical studies. *Three hours per week for a year. Open to students who have taken or are taking Course I.*

Miss Jewett.

- V. American Literature. Lectures and themes. *One hour per week for a year. Open to all undergraduates.*

Professor Bates.

This course will not be given in 1895-96.

- VI. Victorian Prose. Lectures, discussions, and papers. *Three hours per week for a year. Open to students who have taken, as directed below, two previous courses.*

Miss Sherwood.

- VII. English Poetry of the XIX. Century. Lectures, discussions, and papers. *Three hours per week for a year. Open to students who have taken, as directed below, two previous courses.*

Miss Jewett.

- VIII. English Literature of the XIV. Century. Critical study of Chaucer and Langland, with collateral work based mainly upon the publications of the Early English Text Society. *Three hours per week for a year. For conditions of entrance, see statement below.*

Professor Bates.

- IX. English Drama. Critical study of Shakespeare, with the history of the antecedent English drama. *Three hours per week for a year. For conditions of entrance, see statement below.*

Professor Bates.

- X. Historical Development of English Literature. *For advanced students. Three hours per week for a year. For conditions of entrance, see statement below.*

This course will be given for the first time in 1895-96.

- XI. [Wordsworth and Browning. *Seminary. Three hours per week for a year.*

Professor Scudder.]

This course will not be given in 1894-95.

- XII. [English Drama. Shakespeare's contemporaries and successors. *Seminary. Three hours per week for a year.*

Professor Bates.]

- XIII. Poetics. *One third course. Open to all undergraduates.*

This course, an alternate with V., will be given for the first time in 1895-96.

The courses are elective, with the following restrictions:—

Students proposing to elect a single course must take I.

Students proposing to elect two courses should take I. and one of the courses designed for the training of the literary sense (II., or III., or IV.).

Students proposing to elect three courses should take I., followed by II., or III., or IV., and finally by one of the courses illustrating the study of a literary epoch (VI., or VII., or VIII., or IX.).

Students proposing to elect four courses will gain the fullest equipment for advanced study, or for teaching, by taking in sequence VIII., IX., VI., or VII., and X.

The seminaries are open only to graduates, and rarely to approved undergraduates and special students.

VIII. HEBREW.

I. HEBREW.

- I. An inductive study of the elements of Hebrew and principles of syntax in connection with the text of the first eight chapters of Genesis and other selected passages. Word lists and sight translation; Harper's Introductory Hebrew Method; Harper's Hebrew Syntax. *Open to juniors and seniors. Three hours per week for a year.*

Associate Professor Emerson.

II. ENGLISH OLD TESTAMENT.

- I. Studies in Hebrew history from the migration of Abraham to the accession of David. Palestinian geography. Lectures and recitations. *Required of freshmen. One hour per week for a year.*

Associate Professor Emerson, Miss Clarke, Miss Kendrick.

- II. Studies in Hebrew history during the period of the monarchy, with special reference to the information gained from Assyrian and Babylonian inscriptions. *Required of sophomores. Two hours per week for one semester.*

Associate Professor Emerson, Miss Clarke, Miss Kendrick.

- III. Studies in Hebrew history from the Babylonian Exile to the Christian Era. *Open to juniors and seniors. One hour per week for a year.*

Miss Clarke.

- IV. The Psalms and the Minor Prophets. The growth of the Psalter; the personal and historical elements; literary characteristics; religious teachings. The writings of the prophets in relation to their own and later times. A study of the fundamental principles of prophecy. *Open to juniors and seniors. Two hours per week for a year.*

Associate Professor Emerson.

- V. The Messianic teaching of the Old Testament and its fulfillment in New Testament history. *Open to juniors and seniors. Two hours per week for a year.*

Associate Professor Emerson.

IX. PHILOLOGY.

- I. General Introduction to the Science of Language. Principles of language; history of Philology among the Ancients; classification of languages; study of roots; characteristics of the different Indo-European groups of languages; aims and results of philological research. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Dr. Webster.

- II. Introduction to the Science of Comparative Philology. *Open to sophomores, juniors, and seniors. Three hours per week for the second semester.*

Dr. Webster.

- III. Comparative Grammar of Greek and Latin. Victor Henry's Comparative Grammar of Greek and Latin. Phonology. First semester. Morphology and Syntax; Delbrück's Introduction to the Study of Languages. Second semester. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Dr. Webster.

Works to which special reference is made throughout the course are: Brugmann's Comparative Grammar, Paul's Principles of the History of Language, King and Cookson: Sounds and Inflections, Brugmann's Griechische Grammatik, and Stolz' Lateinische Grammatik.

- IV. Historical Latin Grammar, with readings from Gellius, Varro, Quintilian, and Cicero. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Dr. Webster.

Passages from these authors which throw light upon the philological knowledge of the Romans will be selected for this course.

- V. Sanskrit. Perry's Primer; Whitney's Grammar; Lanman's Reader; lectures. *Open to juniors and seniors. Three hours per week for a year.*

Dr. Webster.

- VI. Elementary course in Old English. *Open to freshmen, sophomores, juniors, and seniors. * Three hours per week for a year.*

Dr. Webster.

- VII. Old English. Sievers-Cook's Old English Grammar; Cynewulf: Elene; Beowulf; history of the development of the English language; study of dialects. References: Skeat, Sweet, Whitney, March, Earle, Morris, and Champneys. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Dr. Webster.

- VIII. Comparative Grammar of the Teutonic languages. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Dr. Webster.

Not more than three of the courses offered in this department will be read in any year.

GRADUATE STUDENTS may join classes taking Courses I., II., III., V., and VII. Those desiring to carry on more advanced study will be specially directed in their work.

X. PHILOSOPHY.

- I. Outline studies in Psychology and Moral Philosophy. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Not given in 1894-5.

* Four hours if taken in the freshman year.

- II. *Æsthetics*. Hegel's theory regarding beauty compared with other phases in the history of *Æsthetics*; text-book: *The Philosophy of the Beautiful*, by William Knight; psychological study of the imagination with verification in the biographies of artists; application of principles of *æsthetics* studied in a series of art compositions. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Professor Morgan.

- III. *The Regenerating Life of the Christ*. The Bible presentation of the regeneration of man in the life of Jesus Christ; the basis of faith in the Christian Religion compared with the basis in other religions. *Open to juniors. Two hours per week for a year.*

Professor Morgan.

- IV. *Logic*. Fowler's text-book on the forms of induction and deduction; problems in argumentation and criticism. *Open to sophomores, juniors, and seniors. Three hours per week for one semester.*

Dr. Ritchie.

- XIV. *Applied Logic*. The practical application of the rules of Logic. Exercises in the construction and critical analysis of arguments, with the aim of exhibiting the methods that lead to correct, clear, and comprehensive thinking. *Open to juniors and seniors. One hour per week for a year.*

Dr. Ritchie.

Not given in 1894-95.

- V. *Types of Ethical Theory*. Psychological investigation of the laws of human mind as propædæutic basis for theories to account for moral experience and justify ethical methods; the doctrine of evolution applied to account for the modes of individual conduct and the history of social and civil institutions and customs; the types of ethical theory verified in the differing phases of ethical conduct revealed in literature and other art records. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Dr. Ritchie.

- VI. *Psychology as Propædæutic to Philosophy*. Text-book: James's *Briefer Course in Psychology*, or Höffding's *Outlines of Psychology*. Exercises in psychological analysis; study of elementary problems in philosophy; lectures on the relations of

the various departments of Philosophy to one another and to Psychology. *Open to sophomores, juniors, and seniors. Three hours per week for a year.*

Associate Professor Case.

- VII. Experimental Psychology. Lectures and discussions of the facts, the classifications and the theories of psychology; laboratory work, under supervision; an essay from each student. Text-books: James's Briefer Course in Psychology and Sanford's Course in Experimental Psychology. *Open to sophomores, juniors, and seniors. Three hours per week for one year. Laboratory work averaging from one to two hours per week.*

Dr. Miles.

Experiments are in sensation, space-perception and reaction-times; attention, association, and memory.

Additional reading is from Locke, Berkeley, Hume, Mill, and contemporary psychologists.

The essay required is an extended book review or the formulated result of special study of some topic.

- XV. Advanced Psychology. Lectures; individual investigation. *Open to students who have had Course VI. or VII. Three hours per week for a year.*

Associate Professor Calkins.

Lectures on contemporary systems and methods of psychology.

Investigation (statistical, experimental, or comparative) by each student, of one or two special problems in the psychology of memory; of association, normal and abnormal; of the emotions; of dreams and peculiar mental habits; of children's imagination, emotions, occupations; of pedagogical and scientific methods.

Regular reports of reading of current psychological literature.

Not given in 1894-95.

- VIII. General History of Philosophy. Lectures on the development of thought in Europe; collateral reading; class discussions; occasional essays. *Open to students who have taken, or are taking, Course I., V., VI., or VII. Three hours per week for a year.*

Associate Professor Case.

References will be made to various histories of philosophy, especially to those of Zeller and Burnet, Windelband, Erdmann, and Schwegler. Students will read selections from Plato (Theætetus entire), Descartes, Leibnitz, Berkeley, and Kant.

IX. British and German Philosophy of the Seventeenth and Eighteenth Centuries. Text study of the most important parts of Locke's Essay concerning Human Understanding; Berkeley's Principles of Human Knowledge; Hume's Treatise on Human Nature, Book I., Kant's Critique of Pure Reason and Critique of Practical Reason. Such attention as time permits will be given to the earlier work of Fichte, Schelling, and Hegel. *Open to students who have taken, or are taking, Course I., V., VI., or VII. Three hours per week for a year.*

Dr. Ritchie.

X. Greek Philosophy. Critical study of texts; lectures; discussions; reports of special study. *Open to students who have taken, or are taking, Course VIII. or IX. Three hours per week for a year.*

Associate Professor Calkins.

Fragments of pre-Socratic philosophers (Ritter and Preller, Mullach and Pat-
rick); Plato (Jowett's translation): Theætetus, Phædo, Sophist, Parmenides (in
part), Symposium, Phædrus and Republic; Aristotle: Metaphysics (Bonitz or
MacMahon) books 1, 6, 7, 8, 10 and 11; Nicomachean Ethics (Welldon), books 1-4
and 10; Psychology (Watson). Brief study of later Greek philosophy.

Not given in 1894-95.

XI. German Philosophy. Critical study of texts; lectures; discus-
sions; reports of special study. *Open to students who have
taken, or are taking, Course VIII. or IX. Three hours per
week for a year.*

Associate Professor Calkins.

Leibnitz: Monadology; Kant: pre-critical period, selected essays and letters;
Critique of Pure Reason, with comparison of editions. 1 and 2; Metaphysic of
Ethics, Critique of Practical Reason, Critique of Judgment (selections).

Fichte: Lectures on the Science of Knowledge, edition of 1794, with individ-
ual study of the later works. Schelling: Vom Ich, or selections from the Transcen-
dentale Idealismus. Hegel: selections from the Phenomenology, or from the Logic
(of the Encyclopedia).

Either the Kantian or the post-Kantian part of this course may be extended to
occupy most of the time.

Not given in 1894-95. It is not expected that Courses X. and XI. will both be
given in the same year.

XII. Philosophy of Religion. *Open to students prepared by a gen-
eral elementary course in Philosophy. Three hours a week
for a year.*

Professor Morgan.

Not given in 1894-95.

- XIII. Philosophical Seminary. *Open to students who receive special permission from the instructor. Two consecutive hours per week for a year.*

Dr. Ritchie.

The subject of this course will be varied from year to year. In 1894-95 it is Hegel's Logic and Philosophy of Mind (Encyclopedia, Wallace's Translation).

Candidates for the Bachelor's degree must select the course required in Philosophy from the three numbered V., VI., VII., above.

XI. HISTORY AND POLITICAL SCIENCE.

- I.* Political History of England. *Open to freshmen and sophomores. Three hours per week. First semester.*

Associate Professor Kendall.

- II.* Political History of the United States. *Open to freshmen and sophomores. Three hours per week. Second semester.*

Associate Professor Kendall.

Courses I. and II. aim to acquaint the student with the history of the English race in England and America. The subjects discussed are the political, social, and industrial conditions in relation to race development. For freshmen taking this course a fourth hour is added, which is devoted to a study of men prominent in English and American history.

- III.* History of Western Europe, from the Teutonic invasions through the Thirty Years' War. *Open to sophomores. Three hours per week for a year.*

Associate Professor Knox.

This course furnishes an outline of mediæval and early modern history, and deals in detail with the simpler political and social problems. It aims to train students in methods of historical work, and to furnish a background for detailed study of particular epochs.

- IV. History of the French Revolution. *Three hours per week for a year.*

Professor Coman.

The course involves (1) an introductory discussion of the causes of the Revolution as developed in the reign of Louis XV.; (2) a detailed study of the progress of the Revolution; and of the reaction against democratic tyranny culminating in Imperialism; (3) an inquiry into the influence of revolutionary ideas in the subsequent history of France, Germany, Italy, Spain, and Russia.

* Courses I. and II., or III. are prerequisite to later election.

V. Constitutional History of England to 1601. *Three hours per week.*
First semester.

Associate Professor Kendall.

A study of the origin and early development of the English constitution. Stubbs is the principal authority. The class has recourse to the text of charters and laws.

VI. Constitutional History of England from the accession of the Stuarts.
Three hours per week. Second semester.

Associate Professor Kendall.

A study of the later development of the English constitution and the rise of party government. Contemporary questions are debated in parliamentary form.

VII. Constitutional History of the United States from 1787. *Three hours per week. Second semester.*

Associate Professor Kendall.

A study of the formation, development, and operation of the constitution of the United States. The exercises consist of lectures by the instructor, and reports by the students on topics assigned for individual study. Time is reserved by the instructor for conference with each student in the preparation of this work. Mooted questions are discussed by the class as a whole.

VIII. History of European Civilization. *Three hours per week for a year.*

Associate Professor Knox.

A philosophical study of the social development of Europe, with special emphasis on the evolution of governmental institutions.

IX. History of Oriental Civilization. *Three hours per week for a year.*

Associate Professor Knox.

This course deals principally with the civilization of the far East: viz., India, China, and Japan. A general survey is made of the political history of these countries, including their relations with Europe and America, but the principal subject of consideration is their civilization as it is made known through their literatures.

X. Origin of American Institutions. *Three hours per week. First semester.*

Associate Professor Kendall.

The aim of this course is the investigation of the origin and early development of American institutions, based on a study of original sources. To each student will be assigned a topic for special investigation. The exercises will consist of lectures by the instructor and the analysis and discussion of important documents by the class.

XI. Political Science. *Three hours per week. First semester.*

Associate Professor Kendall.

This is an introductory course in the comparative study of the origin, character, development, and aim of political institutions. The work will take the form of lectures and discussions, with parallel readings. In addition, each member of the class will be expected to write a thesis on some subject assigned to her for special study.

XII. Constitutional Law of the United States. *Three hours per week. Second semester.*

Associate Professor Kendall.

The work of this course is based on a study of related cases illustrating and interpreting the Constitution. Lectures by the instructor will give a general view of the principles of American constitutional government. In addition, there will be classroom discussions of controverted points.

Courses V., and VI. or VII. are prerequisite to Courses X., XI., and XII.

XII. POLITICAL ECONOMY.

I. Industrial History of England. *Three hours per week. First semester.*

Professor Coman.

The successive phases of industrial organization and the methods of industrial progress are traced, with a view to enabling the student to discuss contemporary problems. The principal authorities are Rogers, Cunningham, Ashley, Toynbee, Seebohm, etc.

II. Economic Theory. *Three hours per week. Second semester.*

Professor Coman.

This course embraces (1) an introductory review of the development of economic thought, (2) a study of the contemporary theory of industrial relations and economic laws, (3) a detailed discussion of certain practical problems from the American standpoint; *e. g.*, the currency, the tariff, immigration, relations between labor and capital, profit-sharing, co-operation. The principal authorities are Mill, Marshall, Walker, Sumner, Taussig, etc.

III. Statistical Study of Economic Problems. *Three hours per week. First semester.*

Professor Coman.

The course is introduced by lectures on the principles of statistical research. Each member of the class undertakes the investigation of a particular problem, and reports the results of her inquiry to the class.

IV. Historical Development of Socialism. *Three hours per week.*
Second semester.

Professor Coman.

(1) An inquiry into the origin of the movement toward social and industrial reconstruction in the theories of Rousseau and the aspirations of the French Revolution; (2) a discussion of the influence of Saint Simon, and the social utopias of Cabet, Fourier, and Owen; (3) a study of scientific socialism as represented in the writings of Carl Marx, and in the industrial revolutions organized by Louis Blanc and Lasalle.

XIII. HISTORY OF ART.

I. Beginnings of Christian Art: classic sources and types; Early Christian Art in Rome and Ravenna; Mediæval Art; Illuminated Manuscripts; Romanesque, Gothic, and Renaissance Architecture; Renaissance Art: Tuscan Sculptors; rise of the Florentine School of Painting; Schools of Siena, Umbria, Padua, Lombardy, and Rome. *Open to juniors and seniors. Lectures three hours per week for a year. Laboratory three hours per week for a year.*

Professor Denio, Miss Paton.

II. Renaissance Art: School of Venice; Correggio; Schools of Bologna, Rome, and Naples; Spanish Art; German, Dutch, and Flemish Art. *Open only to those who have taken Course I. Lectures three hours per week for a year. Laboratory three hours per week for a year.*

Professor Denio.

III. Modern Art: French Painters and Sculptors; Art in England and America. *Open to juniors and seniors. Lectures three hours per week for a year. Laboratory three hours per week for a year.*

Professor Denio.

IV. Ancient Art: Egyptian Art; Chaldeo-Assyrian Art; Greek Architecture, Temple Construction; Greek Sculpture of the Archaic, Pheidian, Hellenistic, and Græco-Roman periods. *Open to juniors and seniors. Lectures three hours per week for the second semester. Laboratory three hours per week for the second semester.*

Miss Jackson.

Instruction in this department includes lectures and oversight of laboratory work. Laboratory exercises consist in the examination and study of great art works, by the aid of reproductions used to illustrate the different subjects. The valuable Art Library and collections of prints are conveniently arranged in the History of Art rooms, and made especially accessible to the students who take this elective.

XIV. MATHEMATICS.

- I. Solid Geometry (Chauvenet); Higher Algebra (Hayes); Plane and Spherical Trigonometry (Chauvenet). *Four hours per week for a year.*

Associate Professor Burrell, Miss Pendleton, Miss Merrill, Miss Hill.

- II. Plane Analytical Geometry (C. Smith). *Open to students who have had Course I. Three hours per week for a year.*

Associate Professor Chandler.

- III. Differential and Integral Calculus; History of Mathematics. *Open to students who have had Course II. Three hours per week for a year.*

Professor Hayes.

- IV. Theory of Equations, with Determinants (Burnside and Pantan). *Open to students who have had Course III. Three hours per week.*

Associate Professor Chandler.

- V. Solid Analytical Geometry (C. Smith). *Open to students who have had Course IV. Three hours per week.*

Associate Professor Chandler.

- VI. (a) Dynamics. First semester. (b) Celestial Mechanics. Second semester. *Open to students who have had Course III. Three hours per week.*

Professor Hayes.

- VII. Theoretical Astronomy; Determination of Orbits. *Open to students who have had Course VI. Three hours per week for a year.*

Professor Hayes.

- VIII. Projective Geometry. *Open to seniors who have had Course II. Three hours per week for a year.*

Associate Professor Burrell.

- IX. Descriptive Geometry. *Open to seniors who have had Course I. Three hours per week.*

Professor Hayes.

- X. Differential Equations. *Open to students who have had Courses IV. and V. Three hours per week for a year.*

Associate Professor Chandler.

- XI. Modern Higher Algebra. *Open to students who have had Course IV. Three hours per week.*

Miss Pendleton.

- XII. Method of Least Squares; Perturbations. *Open to students who have had Course VII. Three hours per week for a year.*

Professor Hayes.

- XIII. Principles of Inference. *One hour per week for a year.*

Professor Hayes.

This course is especially designed for students of mathematics and of science.

XV. CHEMISTRY.

- I. General Chemistry. *Open to freshmen. Four hours per week for a year.*

Miss Bragg.

- II. General Chemistry. *Open to all except freshmen. Three hours per week for a year.*

Professor Roberts, Miss Clark.

Courses I. and II. are for beginners in Chemistry, and are intended to familiarize the student with the important properties of the elements—especially the non-metallic ones—and their compounds, with their modes of preparation, and with such tests as shall lead up to the study of systematic Qualitative Analysis; also to present the laws governing chemical reactions, the meaning of chemical equations, and the more recent theories adopted in the science.

All of the more simple experiments are performed by the student herself in the laboratory.

Certificates of study in Inorganic Chemistry at Wellesley will be accepted in place of the corresponding course in the Woman's Medical College of the New York Infirmary.

- III. Qualitative Analysis. First semester. Organic Chemistry. Second semester. *Open to students who have completed Course I. or II. Three hours per week for a year.*

Miss Bragg.

This course supplements Courses I. and II. by presenting the properties and characteristic reactions of the metallic elements. Practical methods of separating and recognizing the elements present in simple mixtures are also taught, and the progress of the student is constantly tested by the examination of commonly occurring substances, the exact composition of which is unknown to the student. The second semester of this year is occupied with the elements of organic chemistry. The course is necessarily brief, and is devoted to the study of the characteristics of the most common classes of the carbon compounds, these characteristics being illustrated in the laboratory or lecture room by the behavior of some well-known representative of each class.

- IV. Qualitative Analysis. *Open to students who have completed Course I. or II. Three hours per week for a year.*

Professor Roberts.

- V. Quantitative Analysis. *Open to students who have completed Course I. or II. and III. or IV. Three hours per week for a year.*

Miss Clark.

In this course both volumetric and gravimetric methods are used. Typical processes are first selected, after which the student is taught to estimate quantitatively as many of the common elements as the time will permit.

- VI. Organic Chemistry. *Open to students who have completed Courses I. or II., III. or IV. and V. Three hours per week for a year.*

Professor Roberts.

- VII. Theoretical Chemistry. *Open to students who have completed Courses I. or II. Three hours per week for the first semester.*

Professor Roberts.

XVI. GEOLOGY AND MINERALOGY.

- I. Geology. *Open to sophomores, juniors, and seniors. Three hours per week for the first semester.*

Professor Niles.

This course is divided into three parts. In the first part the work of streams, glaciers, volcanoes, and other agents in modifying the features of the earth is considered. This study furnishes the key for the interpretation of the records of the past. In the second part these records are found in the structure of the earth's crust, and thus the stratification, foldings, mineral veins, etc., claim the attention. The third part closes the course with a general survey of the physical history of the earth and its past inhabitants as revealed in the rocks, and interpreted by the events of the present.

The instruction combines lectures with the use of a text-book, and recitations. Specimens, maps, models, diagrams, and lantern-slides are employed for illustrations, and occasional excursions are made for field study.

- II. Mineralogy. *Open to sophomores, juniors, and seniors. Three hours per week for the second semester.*

Miss Fisher.

The determination of minerals by chemical tests is studied, Crosby's Mineralogical Tables being used as a text-book. This is accompanied by work in descriptive Mineralogy, in which the students are taught from specimens to identify the common minerals by their physical characteristics.

XVII. PHYSICS AND PHYSICAL ASTRONOMY.

- I. General Physics. *Open to sophomores. Two hours per week for a year.*

Professor Whiting, Miss Chase.

Lectures with class exercises and problems. The lectures outline the subjects included under both Mass Physics and Æther Physics, and are amply illustrated by experiment.

- II. Physical Laboratory. *Open to sophomores. One hour per week for a year.*

Miss Chase, Miss Hill.

The whole time is spent in the laboratory. The experiments are mostly quantitative, and are arranged to acquaint the student with exact measuring instruments, to verify the most important laws, and to teach mathematical and graphical methods of discussing the results of observations.

Courses I. and II. should usually be taken together.

- III. Advanced Physics. *Open to juniors. Three hours per week for a year.*

Professor Whiting.

The course is intended, by experimental work and consultation of original memoirs, to give deeper acquaintance with the methods of original investigation: also to give practice in the preparation of subjects and their presentation before others, with suitable illustration.

Work in Heat includes experiments in thermometry, calorimetry, measurements of expansions, study of radiant heat; that in Light includes photometry, photography, measurement of indices of refraction, mapping of spectra, study of the phenomena and theory of color and polarized light, measurement of wave lengths; that in Electricity includes the study of the absolute system of electrical units, and the derived legal units theoretically and experimentally, the laws of electro-magnetic and magneto-electric induction and applications.

The course is desirable for all who wish to prepare to teach Physics.

- IV. Mathematical Physics. *Open to seniors who have taken Analytical Geometry and Calculus. Three hours per week for a year.*

Professor Whiting.

- V. Sound and the Theory of Music. *Open to students in the School of Music. Ten lectures.*

Miss Chase.

- VI. Meteorology. *Open to juniors. Three hours per week for one semester.*

Professor Whiting.

Some of the subjects treated are the atmosphere, its constituents, weight, pressure, dynamic heating and cooling; temperature, distribution of solar radiations; motions of the atmosphere; moisture in the air; climatology; instruments; inductive studies of weather records; weather prediction.

Under the direction of the department of Physics, the daily observation of the local phenomena of the weather is taken and reported. The instruments used are the standard Signal Service thermometers in a shelter, a rain gauge, a self-registering barograph of Richard Frères, and a self-registering thermometer, anemometer, and anemoscope of Draper.

VII. Physical Astronomy. *Open to juniors. Three hours per week for one semester.*

Professor Whiting.

The lectures are accompanied by frequent observations of the heavens with a four and one-half inch telescope. Spectroscopic astronomy is illustrated by laboratory work with the sun spectrum and the spark spectrum, sufficient to show some of the methods of the new astronomy.

A knowledge of mathematics, at least through plane trigonometry, is necessary for all the foregoing courses.

XVIII. BOTANY.

I. General Morphology and Principles of Classification. Exercises in elementary Vegetable Physiology. An herbarium of fifty species is required. *Open to all undergraduates. Three hours per week for a year.*

Professor Hallowell, Dr. Cooley, Miss Gilchrist, Miss Ferguson.

II. Cryptogamic Botany. Study of types of all the more important groups of flowerless plants, preceded by a brief course in elementary Vegetable Histology. *Open to students who have taken Course I. Three hours per week for a year.*

Associate Professor Cummings.

III. Systematic Botany (advanced work) and Economic Botany. Systematic Botany: special study of the more difficult orders of flowering plants, with mosses and ferns; determination of dried specimens; report upon the flora of some assigned locality. An herbarium of fifty species is required. First semester. Economic Botany: investigation of the useful products of plants. Second semester. *Open to students who have taken Course I. Three hours per week for a year.*

Professor Hallowell and Miss Gilchrist.

IV. Medical Botany. Microscopical examination of the typical and important roots, rhizomes, stems, leaves, barks, and fruits of the Pharmacopœia. *Open to students who have taken Courses I. and II. Three hours per week for a year.*

Dr. Cooley.

This course is intended to give familiarity with the botanical characters of the more common medicinal plants, thus aiding in the identification of the crude drugs derived from them, and in the detection of adulterations. The active principles of such drugs, and peculiar modes of action, are also investigated.

- V. Vegetable Histology and Physiology. Cell structure and the study of tissues; practical experiments and original investigations; Microscopy. *Open to students who have taken Courses I. and II. Three hours per week for a year.*

Professor Hallowell.

A knowledge of the elements of Physics and Chemistry is very desirable for this course.

Not given in 1894-95.

- VI. Plant Biology. Gross anatomy, histology and physiology of a series of plants, considered as types, proceeding from the simpler to the more complicated organisms. Special attention will be given to tracing the development of organs, and the evolution of forms. *Open to students who have taken Course I. Three hours per week for a year.*

Associate Professor Cummings.

- VII. Embryology and other special topics. *Open to students who have taken Courses I., II., and V. Three hours per week for a year.*

Professor Hallowell.

This course is to be pursued with a view to original research and a thorough acquaintance with the literature of the subject.

Not given in 1894-95.

- VIII. Advanced Cryptogamic Botany. Systematic study of any chosen group or groups of Cryptogams. *Open to students who have taken Courses I. and II. Three hours per week for a year.*

Associate Professor Cummings.

Candidates for Courses VII. and VIII. should have a good reading knowledge of French and German.

The instruction in all courses of the Botanical Department is given through practical work in the laboratory, accompanied by explanatory lectures. Three appointments per week, one hour and a half each.

Students sketch all the objects studied. Free instruction in drawing and water-color painting is given to those wishing it.

Instructors and students meet steadily for the discussion of recent discoveries in botanical science.

MARINE BIOLOGICAL LABORATORY.

Wellesley College is a contributor to the support of the Marine Biological Laboratory at Wood's Holl, a region especially rich in the marine forms of plant life. The department of Botany offers, in July and August, courses for the study of marine Algæ, types of Fungi, and

the Higher Cryptogams. Lectures are also given upon biological subjects of interest. The College is entitled to enter one or two students annually to these courses with free tuition, and application for such opportunity should be made to the Professor of Botany before the first of April.

XIX. ZOÖLOGY AND PHYSIOLOGY.

- I. General Biology. *Open to freshmen and sophomores. Four or three hours per week for a year.* Each class-room exercise followed by a laboratory appointment.*

Professor Willcox, Miss Hubbard.

Brief series of lectures on the laws and principles which govern all life, whether plant or animal, illustrated partly by laboratory work and partly by out-of-door study of living things in their natural conditions and surroundings; detailed study of the anatomy and biology of the crayfish and of the bean, and a comparison between the two.

This course is intended to train students in habits of observation and in methods of work, and, laying stress on the points of agreement between plants and animals, to make clear the fundamental unity of all living things.

- II. General Zoölogy. *Open to sophomores, juniors, and seniors. Three hours per week for a year. Each class-room exercise followed by a laboratory appointment.*

Professor Willcox.

Comparative study of all the great groups (types) of animals, beginning with unicellular organisms and concluding with mammals. Also a brief study of the embryology of the chick.

This course is intended to give familiarity with the outlines of animal structure, and to present the morphological argument for evolution.

- III. Anatomy of the Cat. *Open to students who have taken Course II. Three hours per week for one semester.*

Miss Hubbard.

This course is intended to train students in careful dissection. It is especially fitted for those who intend to study medicine. Constant reference will be made to human anatomy, and a considerable lightening of the ordinary course in that subject in a medical school can be effected by taking this work. Students must be able to work independently, as a small amount only of supervision will be provided.

- IV. Embryology of the Chick. *Open to students who have taken Course II. Three hours per week for one semester.*

Miss Hubbard.

This course follows closely the lines of Foster and Balfour's "Elements of Embryology." Instruction is given in the methods of preparing and mounting embryos, making serial sections, and so forth. Students must be able to work independently, as a small amount only of supervision will be provided.

* Four hours per week for freshmen; three hours per week for sophomores.

V. Systematic Zoölogy. *Open to students who have taken Course II. Three hours per week for a year.*

Mr. Morse.

Classification of animals; study of habits; readings in natural history; excursions to neighboring museums. Not given in 1894-95.

VI. Philosophical Zoölogy. *Open, under the advice of the Professor, to students who have taken Course II. Three hours per week for a year.*

Professor Willcox.

Readings and discussions of Darwin, Spencer, Wallace, and Weisman, and kindred authors. One careful paper on a biological subject prepared by each student.

VII. Pedagogics of Zoölogy. *Open to students who have taken two courses in zoölogy. Three hours per week for one semester.*

Professor Willcox.

Discussion of various methods of teaching zoölogy. Practice in working up and presenting lectures on given topics. Training in the use of reference books and original authorities. Students must be able to work independently, as a small amount only of supervision will be provided. Not given in 1894-95.

VIII. Elementary Physiology and Hygiene. *Required of sophomores. Two hours per week, also two hours per week of laboratory demonstration, for one semester.*

Miss Claypole.

Lectures and laboratory demonstrations covering those points in anatomy and physiology which are of most practical value as a basis for hygiene.

IX. General Physiology. *Open to juniors and seniors. Three hours per week, also three laboratory appointments per week, for a year.*

Miss Claypole.

Lectures; readings in standard authors, Foster, Landois and Stirling, Martin, Quain, Yeo, etc. Dissection of a typical mammal. Gross anatomy, histology, physiology, and hygiene of each system; experiments in physiological chemistry.

Apparatus needed by students in this Department.—Microscopes, reagents, etc., are provided by the College. A limited number of sets of dissecting instruments are owned by the College, and may be rented for a small fee.

MARINE BIOLOGICAL LABORATORY.

The College has become a contributor to the support of the Marine Biological Laboratory at Wood's Holl. This Laboratory, which is open during the summer, provides facilities for the study especially of marine

animal and vegetable life, affording opportunities both to investigators and to those who need either instruction or direction. The College has the right to select annually one, two, or three students who shall be entitled to all the advantages of the Laboratory without expense for tuition.

Applications for appointment to a studentship should state the character of the work to be done,—*i. e.*, whether botanical or zoölogical, whether general work, investigation under direction, or independent investigation,—and should be forwarded to Professor Hallowell or Professor Willcox, in time to reach Wellesley before April first.

XX. *DOMESTIC SCIENCE.

The course consists of lectures and practical work. The lectures treat of the house, and its foundations and surroundings from a sanitary as well as architectural standpoint; the mechanical apparatus of the house, heating, lighting, ventilation, drainage, including methods of testing their efficiency; furnishing and general care of a house, including what might be called applied physiology, chemistry of food and nutrition, and the chemistry of cleaning; food and clothing of a family; relation of domestic service to the general question of labor, with a discussion of present conditions and proposed reforms.

The practical work includes visits of inspection, accompanied by the instructor, to houses in process of construction, of good and bad types, both old and new; visits to homes where the housekeeper has put in practice some or all of the theories of modern sanitary and economic living; conferences with successful and progressive housekeepers; practical work in the laboratory. A knowledge of chemistry and physics is essential.

XXI. ELOCUTION.

- I. Training of the Body and Voice. *Required of sophomores. Two hours per week for a year.*

Professor Currier. Miss Everett.

Body; poise and bearing; harmonic gymnastics for freedom and grace; breathing and other exercises for health and strength. Voice: correct method of breathing; freedom in emission; management of voice in reading and conversation; work for ease, purity, resonance, power; articulation; reading for simple, spontaneous expression of thought and feeling. Three selections required from each student. Outlines of exercises covering the successive steps in training furnished to each student. One period of practice required each week.

* No courses in this department will be given in 1894-95.

- II. Vocal and Pantomimic Training. *Open to juniors and seniors.*
One hour per week for a year.

Professor Currier.

This course is designed to carry on the line of work begun in Course I., and will include, besides work for voice and pantomime, studies in vocal expression, using selections from standard literature, including scenes from Shakespeare.

Course I. must precede Course II.

- III. Training and Expression. Co-operation of the agents of expression; voice culture; pantomimic training; readings; recitations and orations from the best authors. One play from Shakespeare. *Open to juniors and seniors. Three hours per week for a year.*

Professor Currier.

- IV. Expression and Literature. The study of vocal and pantomimic expression as a means of interpretation of the subtleties of thought and feeling as presented in literature. Study of special authors by reading and recitation. *Open to juniors and seniors. Three hours per week for a year.*

Professor Currier.

Course III. must precede Course IV.

- V. Physical and Vocal Training for practical use in conversation and public speaking. *Open to juniors, seniors, and special students. Three hours per week for second semester.*

Professor Currier.

Special arrangements may be made for private instruction.

XXII. PEDAGOGICS AND DIDACTICS.

GENERAL.

- I. (1) The History of Educational Theories.

Lectures on education in Greece in mediæval and modern times will be given, to familiarize the student with the great educational reformers. The chief educational works of Bacon, Montaigne, Comenius, Locke, Rousseau, Pestalozzi, Herbart, Froebel, and Spencer, will be read by the student, and past and present theories of education compared in a series of papers.

- (2) The Science and Art of Education.

Lectures on the philosophy of education. Study of child nature, and the laws of its development. Discussion of principles underlying the science and art of education, and of current educational problems.

- (3) The Art of Teaching and Government.

Lectures on the theory and practice of teaching. Methods of teaching the rudiments. Special attention given to the kindergarten system. Methods of gov-

ernment and instruction in primary, intermediate, and higher school grades. Discussions on the practical exemplification of principles. "Development Lessons" given by members of the class and criticized by instructor and students.

The library contains the chief German and English works on the science and art of education, a small collection of text-books, and the most important periodicals.

Open to seniors. Three hours per week for a year.

Professor Wenckebach.

SPECIAL.

Special instruction in methods of teaching Sciences, Languages, Philosophy, and History will be offered in various departments.

XXIII. BIBLIOGRAPHY.

An elective course in the study of Bibliography is given once a week throughout the year. It is pursued in connection with other college studies, and is practical in its nature. It aims,—

1. To familiarize the student with the best bibliographical works, and with library methods and catalogues.
2. To teach the best method of reaching the literature of a special subject.
3. To furnish important bibliographical lists likely to prove valuable in future study.

The course is open to all students in the following departments:—

Courses II.—VII., IX., and XII. in English Literature.

Courses II., VII., VIII., and IX. in Philosophy.

All courses in Art, History, and Economics.

BIBLE STUDY.

I. ENGLISH OLD TESTAMENT.

- I. Studies in Hebrew history from the migration of Abraham to the accession of David. Palestinian geography. Lectures and recitations. *Required of freshmen. One hour per week for a year.*

Associate Professor Emerson, Miss Clarke, Miss Kendrick.

- II. Studies in Hebrew history during the period of the monarchy, with special reference to the information gained from Assyrian and Babylonian inscriptions. *Required of sophomores. Two hours per week for one semester.*

Associate Professor Emerson, Miss Clarke, Miss Kendrick.

- III. Studies in Hebrew history from the Babylonian Exile to the Christian Era. *Open to juniors and seniors. One hour per week for a year.*

Miss Clarke.

- IV. The Psalms and the Minor Prophets. The growth of the Psalter; the personal and historical elements; literary characteristics; religious teachings. The writings of the prophets in relation to their own and later times. A study of the fundamental principles of prophecy. *Open to juniors and seniors. Two hours per week for a year.*

Associate Professor Emerson.

- V. The Messianic teaching of the Old Testament and its fulfillment in New Testament history. *Open to juniors and seniors. Two hours per week for a year.*

Associate Professor Emerson.

II. NEW TESTAMENT.

- I. The Christian Church of the first century. A study of the development of the Church, as it is portrayed in the Acts and Epistles, in its relation to the history of the times; introduction to the books of the New Testament in chronological order, with topical studies on connected subjects. *Open to seniors. Two hours per week for one year.*

Professor Whiting.

- II. The life of Christ and his immediate influence as portrayed in the Gospels and the Acts. *Open to seniors. Two hours per week for a year.*

Associate Professor Knox.

- III. The Bible presentation of the redemption of man in the life of Jesus Christ. Christian evidences; the basis of faith in the Christian religion compared with the basis in other religions. *Open to juniors and seniors. Two hours per week for a year.*

Professor Morgan.

- IV. The Life of Christ. Events of Christ's life traced in their chronological sequence. Careful study of His teachings as revealing and attesting His divinity. *Open to juniors and seniors. Two hours a week for a year.*

Professor Stratton.

- V. Greek Testament. I. Life of Christ; text study of the Gospels; special study of the Gospel of St. John; lectures. An elective in Bible study for juniors. *Open to students who have completed Course I. of classical Greek. Two hours per week for a year.*

Professor Chapin.

- VI. Greek Testament. II. Life and writings of St. Paul; text study of the Acts and Epistles; lectures. An elective in Bible study for seniors. *Open to students who have completed Course I. of classical Greek. Two hours per week for a year.*

Professor Chapin.

- VII. The Septuagint. Lectures; readings, chiefly from the Psalms. Quotations from the Old Testament in the New. *Open to students who have taken Greek Testament I. or are taking Greek Testament II. One hour per week for a year.*

Professor Chapin.

Music (Theory).

- Course I. Harmony. *Open to all students. Two hours per week.*

Harmony may be called the grammar of music. A thorough knowledge of its principles is essential to all who have to do with the art, amateurs as well as professional musicians. The requisites for successful study in this branch are, in addition to fair musical ability, a logical mind and mathematical precision.

In this course will be taught the fundamental principles of tone-relation and combination as embraced in the following divisions: Formation of the scales, major and minor; intervals; triads and seventh chords in their original and inverted forms; chromatically altered chords; suspension; auxiliary notes; organ point; harmonization of melodies.

Professor Hill, Mrs. Stovall.

- Course II. Counterpoint (Canon and Fugue). *Open to all students who have thoroughly mastered Course I. Canon and Fugue may follow a thorough course in Counterpoint. One hour per week.*

Harmonization of choral melodies in Soprano, Alto, and Tenor. The several orders of Counterpoint for two, three, and four voices. Thematic treatment and imitation. Double counterpoint.

Professor Hill.

Course III. Musical Form. *One hour per week.*

This course gives a knowledge of the gradual development of a musical composition through Motive, Phrase, and Period. The Song form. The various Dance forms. The Rondo, Sonata and Symphony.

Lectures are also given on the History of Music, ancient and modern; Musical Instruments; Biography and Æsthetics.

Professor Hill.

The courses in Harmony, Counterpoint, and Musical Form (lectures excepted) are subject to a fee according to the size of the classes. See charges for musical instruction.

Physical Training.

Each student receives a detailed physical examination, which includes the measurements and strength-tests adopted by the "Association for the Advancement of Physical Education."

The Health Officers, the Director of Physical Training, the Physical Examiner, and the Professor of Elocution, constitute a Board of Health, to which reference is made in those cases where special examination is deemed necessary.

Three hours per week of Physical Training are required in the freshman year. A limited number of upper-class students may, under favorable circumstances, arrange for work in the Gymnasium.

The Gymnasium is equipped with apparatus for Swedish Educational Gymnastics.

The Playstead, or out-of-door gymnasium, furnishes opportunity for organized sports and pastimes, which are being developed in connection with the department. The Playstead is also used by the gymnastic classes in suitable weather.

The class crews, selected on the basis of the physical examination, are trained in rowing.

Each student is given an Anthropometrical Table, compiled from the measurement of fifteen hundred Wellesley students, upon which her individual condition is plotted. Special attention is paid to Anthropometry and the collection of vital statistics.

PUBLIC LECTURES AND CONCERTS.

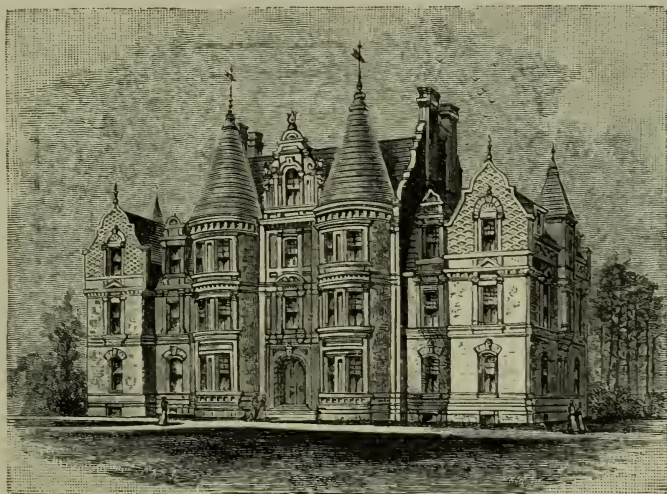
Besides occasional addresses which, though of especial interest to members of some one department, are open to the college at large, one lecture on a Shakespearean subject is provided annually by the income of

the Kate Howard Furness Fund, two readings and lectures on elocution by the Monroe Fund, and about sixteen concerts by the Concert Fund (see p. 68).

Lectures and papers are also given on philanthropic and benevolent work.

Wellesley School of Music.

THE School of Music is located in Music Hall, which contains thirty-eight music rooms, and a hall for lectures and choral singing. Thirty-seven pianos and two organs are furnished for the use of students. The Chapel Organ, presented by Mr. W. O. Grover, has three manuals, each of sixty-one notes, a pedal of thirty notes, and twenty-six speaking registers. It contains 1,584 pipes.



Music Hall.

REQUIREMENTS FOR ADMISSION.

Regular course: For requirements for admission to the regular course in the School of Music, see pp. 14-20.

Special students: Special students for any musical study will be received, but in all cases the above requirements must be met, unless exceptional advancement in music can be urged as an equivalent for one required subject.

Special arrangements may be made for those not connected with the College, who may desire to pursue a Musical Course exclusively.

DEGREE OR DIPLOMA.

Students who complete either of the following courses will receive the diploma of the School of Music.

The degree of Mus.B. will be given on completion of a course laid out for that degree.

Students intending to graduate in the musical courses must give at least a year's notice.

THE MUSICAL COURSE.

1. Piano : two lessons a week for five years, with four periods of practice daily for five days each week.

Harmony : two lessons a week for two years.

Musical History.

College Courses : one of which shall be a modern language, three hours a week for three years.

Bible Study : throughout the course.

2. Organ : two lessons a week, with daily practice as in piano study, for five years.

The remainder of the course is the same as Course 1, omitting piano.

3. Voice : two lessons a week, with daily practice as in piano study, for five years. In other respects this course is like Course 1, omitting the piano, except that one year of Italian must be substituted for one year of French or German. It is desirable to take the Italian as early as possible, that the benefit of the study may be had throughout the course.

Violin, Viola, Violoncello, Harp, or any orchestral instrument may be made a specialty instead of the above-mentioned principal studies.

A college degree is not obtainable in this course, but the diploma of the School of Music is given to those who fulfill all the requirements.

THE FIVE YEARS' ACADEMIC AND MUSICAL COURSE.

Students may combine the regular study of music with the work required for a degree, the collégiate studies extending through five years instead of four.

Any one of the three courses of instruction may be selected—the Pianoforte, the Organ, or the Voice. Lessons on the Harp, Violin, Viola, and Violoncello are subject to special arrangements.

COURSE OF STUDY FOR THE PIANOFORTE.

Selections, equal to about one half the entire amount, from the following works, or their equivalents:—

FIRST YEAR.

ETUDES.

Plaidy's Technical Studies; Emery's "Head and Hands"; Czerny, Op. 849; Köhler's Primary Studies, Op. 50; Duvernoy's Etudes de Mécanisme; Köhler, Op. 60; Heller, Préludes, Op. 119; Bertini, Op. 100; Heller, Op. 47; Krause, Op. 4; Emery's Studies in Presto Scales; Loeschhorn, Op. 66; Easy Studies by Eschmann and Oscar Weil; eighteen little preludes by Bach.

PIECES.

Sonatinas and other simple works by Krause, Reinecke, Merkel, and Gurlitt; Clementi, Op. 36; easier sonatas of Haydn and Mozart; Beethoven, sonatinas, Op. 49, Nos. I. and II., Op. 79; short pieces by Hummel, Dussek, Schubert, Schumann, Gade, and other classical writers; easy selections from the best modern composers; Mendelssohn's Op. 72, and Songs without Words; practice in four-hand playing.

SECOND YEAR.

ETUDES.

Bertini, Ops. 29 and 32; Czerny, Op. 299, Velocity studies, three books; Krause, Op. 2, trill studies; Op. 5, two books; Op. 9, studies in broken chords; Moscheles' preludes; Clementi's preludes and exercises; Heller, Ops. 46 and 45; Bach's Two-part Inventions; Continuation of Emery and Plaidy; Mason's Accent Exercises.

PIECES.

Sonatas of Haydn, Clementi, and Mozart; Beethoven, Op. 2, No. I.; Op. 10, Nos. I. and II.; Op. 14, Nos. I. and II.; Rondos, Op. 51, Nos. I. and II.; easy variations; Mendelssohn's Songs without Words; Caprices, Op. 16, and other short pieces; selections of moderate difficulty from Hummel, Dussek, Schubert, Krause, Kiel, Bargiel, Jadassohn, Reinecke, Nicodé, and other modern composers; four-hand playing.

THIRD YEAR.

ETUDES.

Czerny, Op. 740, three books; Cramer (Bülow edition), first half; Clementi's Gradus ad Parnassum (Tausig edition), first half; Carl Mayer, Op. 305; Krause, Op. 15, studies for the left hand; Eschmann, Op. 16; Heller, Art of Phrasing, Op. 16; Technics, by Plaidy, Emery, and Tausig.

PIECES.

The more difficult Sonatas of Haydn, Mozart, Clementi, and Dussek; Beethoven, Op. 2, Nos. II. and III.; Op. 7; Op. 10, No. III.; Op. 13; Op. 26; lesser works of the Bachs, Scarlatti, and other ancient writers; moderately difficult selections from Mendelssohn, Chopin, Schumann, and writers of the romantic school; Bach's Preludes and Fugues; French Suites.

FOURTH YEAR.

ETUDES.

Czerny, Op. 740, continued; Cramer (Bülow) continued; Clementi (Tausig), continued; Moscheles, Op. 70, two books; Kullak's Octave School; Chopin, Op. 25; Bennett, Op. 11; Mayer, Op. 119; Grund, Op. 21; Bach's Preludes and Fugues.

PIECES.

The difficult Sonatas of Hummel and Dussek; Suites and other pieces of Händel; English Suites of Bach; Beethoven, Sonatas, Op. 22; Op. 27, Nos. I. and II.; Op. 28 and Op. 31, Nos. I., II., and III.; Concertos, by Dussek, Hummel, and Mozart; Preludes and Fugues, Rondos and Caprices, of Mendelssohn; Impromptus of Schubert; Preludes, Impromptus, and shorter pieces of Chopin; Noveletten and Fantasiestücke of Schumann; Selections from the best recent composers: Ensemble playing.

FIFTH YEAR.

ETUDES.

Henselt, Op. 2 and Op. 5; Toccata, Op. 25; Baermann, Op. 4; Chopin, Op. 10; Hans Seeling, Op. 10, two books; Toccatas, by Czerny, Schumann, Rheinberger, and others; Bach's Preludes and Fugues; Schumann's Etudes Symphoniques.

PIECES.

Schubert's Sonatas; Beethoven, Op. 53, Op. 57, and Op. 81; the more difficult Variations; Concertos, Nos. III. and IV.; Mendelssohn's Concertos and other concerted works; Variations; Chopin's Variations, Rondos, Ballades, and Scherzi; also the difficult Polonaises and Fantasies; Concert pieces of Rheinberger, Liszt, Saint-Saëns, Raff, Scharwenka, Nicodé, Pabst, Moszkowski, and others.

COURSE OF STUDY FOR THE ORGAN.

FIRST YEAR.

Manual playing in two, three, and four parts (without pedals), for perfection of touch and execution, as exemplified in the works of Rink, André, Hesse, and Lemmens.

Rink's Organ School, Books I., II., and III.; Studies in Registration; Offertories by Wély and Batiste; Easy Choral Preludes of Bach, Richter, Merkel, Papperitz, and others; Short Fugues of Bach.

SECOND YEAR.

Rink's Organ School, continued; Buck's Studies in Pedal Phrasing; Arrangements from the Sonatas and Symphonies of Haydn, Mozart, and Beethoven; Choruses arranged from Händel's Oratorios; Selections from Bach's Organ Fugues; Mendelssohn's Sonatas; Preludes, Fantasies, and other pieces from Wély, Guilmant, Merkel, Batiste, and Hesse; Best's Arrangements.

THIRD YEAR.

Händel's Concertos; Mendelssohn's Sonatas; Ritter's Sonatas; Merkel's Sonatas; Toccatas, Preludes, and Fugues of Bach; Concert Pieces by the best English, French, and German masters; Best's Arrangements, continued.

FOURTH YEAR.

The more difficult works of Bach, Händel, Ritter, Guilmant, Widor, and Saint-Saëns; Best's Arrangements, continued.

FIFTH YEAR.

Bach's Trio Sonatas, Fugues, and Passacaglia; Rheinberger's Sonatas; Thiele's Concert Pieces; Best's Arrangements; Concert Pieces of the best masters, ancient and modern.

COURSE OF STUDY IN SOLO SINGING.

FIRST YEAR.

The Voice as an instrument; Formation of Tone; Study of the Scales, major, minor, and chromatic; Slow trills and simple musical figures, with the vowels *ā*, *i*, and *o* pure and modified; Rules for breathing, and their practical application; Concone's Studies; Exercises *Elémentaires Gradués*, by Mme. Marchesi; Vocalises by Vaccai, Sieber, and Marchesi; Exercises for the flexibility of the vocal chords; Selected songs in English, French, German, and Italian.

SECOND YEAR.

Continuation of the above; Lamperti's Bravura Studies, Books I. and II.; Advanced studies for agility; Songs by the best American and European composers; Simple Scenas and Arias from the Italian, French, and German Operas; Airs from the Oratorios.

THIRD YEAR.

Lamperti's Bravura Studies, Books I., II., and III.; Etudes by Bordogni; Vocalises by Panofka, Marchesi, and Rossini; Songs of Schumann, Franz, Mendelssohn, Rubinstein, and best English and French writers; Oratorio; Scenas and Arias from standard Operas; Operatic Arias by Händel, arranged by Robert Franz.

FOURTH YEAR.

Résumé of previous work; Study of music by the old German, Italian, and English masters; Selections from the more difficult cavatinas and concerted pieces from the operas; Oratorio singing continued.

FIFTH YEAR.

Bravura singing as exemplified in the best works of present and past composers; The great Arias and concerted pieces from the Classic Operas and Oratorios; Selected Songs.

Elocution is studied during each year of the Course in Solo Singing.

HARMONY AND MUSICAL THEORY.

A thorough knowledge of the principles and practice of this branch of Musical Science is a prime necessity to every musical student. Without it no one can obtain clear and comprehensive views of the formation

and character of musical composition. While it is not, as yet, a requisite for entrance to the School of Music, the Director urgently recommends that every member will at some period in her course include Harmony with her other musical work. It is better that this should be continued for two years.

Courses in Harmony are open to all students.

TEXT-BOOKS USED IN HARMONY.

Emery's Elements of Harmony.
 Richter's Manual (translated by J. C. D. Parker).
 Richter's Counterpoint (translated by Franklin Taylor).
 Richter's Fugue (translated by Arthur Foote).
 Wohlfahrt's Guide to Musical Composition.

ENSEMBLE PLAYING.

Facilities are offered for the study and practice of chamber music—the Fantasies, Romances, Sonatas, and Trios of the Great Masters, for the Piano and Violin, with addition of Violoncello, and occasionally other instruments.

ANALYSIS AND INTERPRETATION.

Classes in analysis and interpretation of classical works will be formed by the Director if desired by at least six pupils.

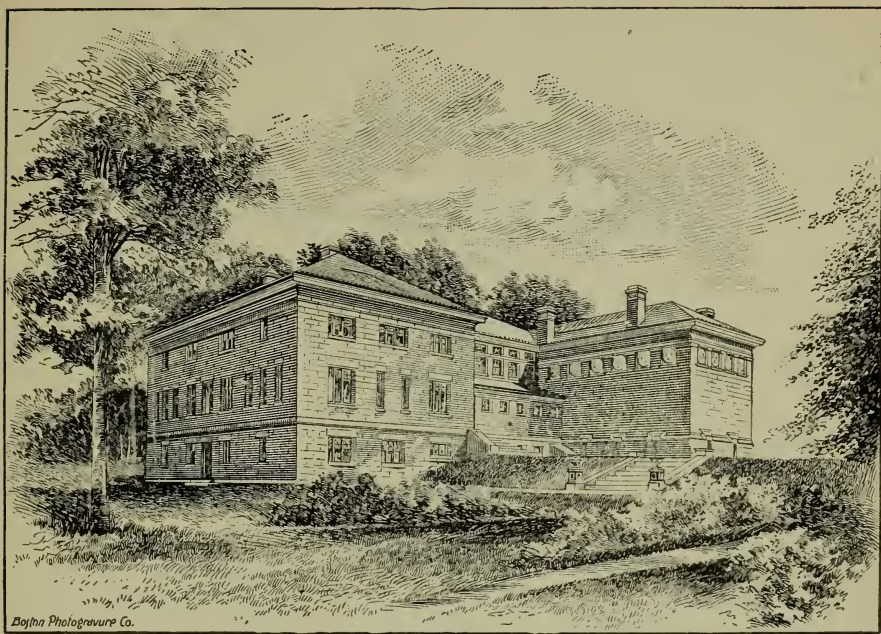
CONCERTS AND LECTURES.

At frequent intervals, recitals and concerts are given by the advanced students in the several departments, by members of the Faculty of the School of Music, and by distinguished musicians from Boston and elsewhere.

All concerts and lectures are free, but it is expected that all who are able will contribute to the "Concert Fund."

Lectures on Theory and Æsthetics, and on the History of Music and Musicians, are given throughout all the courses by the Director and non-resident lecturers.

All students in the School of Music are advised to attend the lectures on Sound and Musical Theory in the Physics courses.



The Farnsworth School of Art.

School of Art.

THE purpose of the School of Art is twofold : while providing technical instruction in Drawing and Painting, it aims to supply such acquaintance with these arts in their history, philosophy, and criticism as may profitably supplement the work in other departments of study.

As a professional School of Art, it aims to furnish a thorough course of study in the practice of the studios. The plan of the school is such that there is the greatest freedom in adapting the instruction to the varying needs of students. The development of individual talent and taste is sought, and the special purpose of each student is aided.

For requirements for admission to the School of Art, see pp. 14-20; in exceptional cases, however, unusual ability or advancement in art may be recognized by the Director of the School of Art and the College Board of Advisers as a suitable equivalent for some part of the required preparatory work. Students may enter an advanced class at any time by presenting satisfactory specimens of the work required in the previous course.

Diplomas are awarded to students who have completed the required course of study. Every pupil who receives a diploma is expected to leave a satisfactory drawing in the school.

An exhibition of the students' work will be held at the end of each college year.

COURSES OF TECHNICAL STUDY.

FIRST COURSE.

Drawing from objects and casts; Geometrical and Perspective Drawing.

SECOND COURSE.

Drawing from casts and life. Study of Anatomy.

THIRD COURSE.

Drawing from life. Model painting from still life.

FOURTH COURSE.

Painting from life.

FIFTH COURSE.

Painting from life.

Composition.

Lectures and Criticism.

THE FIVE YEARS' ACADEMIC AND ART COURSE.

A regular course of five years' instruction in Art is given upon the plan followed in the study of Music.

Students who enter either one of the regular college courses may combine it with the Course in Art, their collegiate studies being distributed through five years instead of four.

Free instruction in Freehand, Mathematical, and Perspective Drawing is given to the students in the Classical and Scientific Courses for one year, two hours per week.

Private lessons in the various branches of Art will be given to those who desire them. For terms, see p. 76.

Art Building.

THE Farnsworth Art Building, the gift of the late Isaac D. Farnsworth, was open for work in September, 1889. Besides a lecture room, galleries for collections, and studios for those engaged in drawing and painting, a special feature in the plan of the building is the arrangement of laboratories and libraries, so that the books and art material relating to particular subjects and periods can be made immediately available to general students.

The Art Collection now numbers over three thousand photographs, engravings, etchings, and drawings; a series of stereoscopic views illustrating the history and art of different nations and periods; a collection of paintings in oil and water colors; copies of ancient armor; a ceramic collection; coins, and pieces in bronze and iron; one hundred statues and busts; a collection of casts from the antique; thirty-six pieces of pottery from an ancient cemetery on the Isthmus of Panama, the gift of Mrs. J. S. Lamson; the Jarvais collection of laces and embroideries; and the Stetson collection of sixty-five paintings in oil.

A descriptive catalogue of the works of art has been prepared by Prof. Elizabeth H. Denio for the use of the students.

The Library and Reading Room.

THE Library of the College, endowed by Eben Norton Horsford, now numbers 45,000 carefully selected volumes, not including pamphlets, and is open from 7 A. M. to 9.20 P. M., Sundays excepted. Students have free access to the shelves. The library is fully catalogued by author and subject entries, and the most recent and useful bibliographical aids are provided; special effort is made by the librarians to train students in thorough methods of research. A practical course of instruction in Bibliography is given each year in connection with college courses in Literature, Art, Philosophy, History, and Economics.

One hundred and seventy-five American, English, French and German periodicals are taken for the General Library. The list includes the most important representatives of the branches of instruction covered by the college curriculum. About thirty-seven daily, weekly, and monthly journals are taken for the reading room.

The special facilities of the library in connection with courses of study are stated under "Courses of Instruction."

THE GERTRUDE MEMORIAL LIBRARY, established by Mr. A. A. Sweet, with the MISSIONARY LIBRARY, and other collections in the General Library, furnish 3,825 volumes for Biblical study and religious reading.

THE LIBRARY OF AMERICAN LINGUISTICS, a special gift from Prof. E. N. Horsford, now numbers 1,420 works, including the valuable collection made by Major J. W. Powell.

THE STONE HALL LIBRARY, of valuable literary, historical, and religious works, is being accumulated through private generosity.

The following collections are located in the laboratories of the departments to which they belong:—

The Art Library, 1,380 volumes.

Botanical Library, 1,552 volumes.

Library of Physics, Physical Astronomy, Microscopy, and Physical Geography, 2,094 volumes.

Library of Zoölogy and Physiology, 1,513 volumes.

Library of Chemistry, Mineralogy, and Geology, 1,092 volumes.

Laboratories and Scientific Collections.

I. CHEMICAL AND MINERALOGICAL LABORATORIES.

THERE are three laboratories for work in General Chemistry, — one for Qualitative, one for Quantitative Analysis, and one for Mineralogy. All are fully supplied with apparatus and chemicals. In the Mineralogical laboratory, each place is furnished with a set of blowpipe tools and all the apparatus and reagents necessary for the determination of minerals by chemical tests.

The Mineralogical Cabinet comprises between five and six thousand minerals, among which are a number of natural crystals, for the study of Crystallography.

The Geological collection embraces specimens of fossils, rocks, and rock structures.

II. PHYSICAL LABORATORIES.

The department of Physics occupies a convenient lecture room, provided with arrangements for sunlight and lantern projection, and adequate apparatus for illustrative experiments.

Laboratories for students are equipped with instruments adapted to a wide range of work. Rooms are especially fitted for photometry, photography, spectroscopic work, and electrical measurements. A workshop is provided with lathe and tools. A steam engine and two dynamos are connected with the laboratories.

III. BOTANICAL LABORATORIES.

There is a large laboratory for the study of Morphology, and smaller ones for Histological and Physiological work, as well as one for pressing and preparation of plants. All are furnished with microscopes and microscopic accessories; those for advanced work have also the necessary physical and chemical apparatus and such other appliances as are requisite to enable students to carry on independent research.

The collection illustrative of Botany includes: the herbarium, containing upward of five thousand phanerogams and about three thousand cryptogams; a generic collection mounted under glass; a collection of woods, fruits, and economic vegetable products and a set of drugs fully illustrating the pharmacopœia; two hundred charts by Henslow, Kny, Dodel-Port, and others; a collection of Auzoux's botanical models, illustrating the structure of both flowering and flowerless plants.

In addition to the working collections, a permanent Museum is being arranged.

IV. ZOÖLOGICAL LABORATORIES.

There are three laboratories for the study of Zoölogy and Animal Physiology. In courses which require it, every student is provided with a microscope.

For special demonstration, lenses of exceedingly high power are available.

Accessories which aid in the pursuit of the subject are: the museum, a typical collection of both vertebrates and invertebrates; a considerable and increasing number of charts; a collection of models in wax, glass, or *papier-mache*, including a manikin, and models of separate organs and mechanisms.

V. PSYCHOLOGICAL LABORATORY.

Students in Experimental Psychology have the use of models and plates of the brain, lambs' brains, and dissecting instruments. The equipment of the laboratory includes an æsthesiometer, a pressure-balance, graduated weights and instruments for the study of the dermal senses; tuning forks and sonometers; a color-wheel, a campimeter, a Wheatstone Stereoscope, the Ragona Scina, and the Hering apparatus for the study of simultaneous contrast; Dr. Sanford's Pendulum chronograph; a stop-watch and other simple appliances.

VI. MATHEMATICAL MODELS.

The collection of Mathematical Models consists of a set of models of simple solids, surfaces of the second and higher orders, and circular sections of surfaces of the second order. They are executed in wood, thread, card, and plaster.

Societies.

THE SHAKESPEARE SOCIETY was formed in 1876, and is a branch of the London Shakespeare Society, whose publications it regularly receives. Its sessions are held once in four weeks.

THE BEETHOVEN SOCIETY is the principal college organization for the study and practice of part songs and choruses. It is open to all members of the College, whether belonging to the School of Music or not, the only requirements being a good voice and ability to sing ordinary music at sight. The instruction is free, but the weekly rehearsals are to be attended as faithfully as any other College appointment. The Society is expected to give at least two concerts annually, besides singing at Commencement, and on other festival occasions. The Professor of Music has the direction of the rehearsals and concerts.

THE PHI SIGMA and ZETA ALPHA SOCIETIES afford additional opportunity for literary training.

THE TAU ZETA EPSILON has for its aim the cultivation of those habits of observation and study which lead to an appreciation of the ideals of art.

THE AGORA. The object of this society is to promote an intelligent interest in the political questions of the day.

THE WELLESLEY COLLEGE CHRISTIAN ASSOCIATION is organized to promote the religious life of the College, to arouse an intelligent interest in social reforms, and to increase the interest in home and foreign missions.

THE CLASSICAL SOCIETY has for its object the advancement of the interests of classical study in the College.

Domestic Work.

ALL students in the College buildings aid in the lighter domestic work, or in the clerical labor of the offices, libraries, and departments of instruction. Much valuable information and discipline are thus secured to the student, though the time occupied is never more than forty-five minutes daily.

The influence of this service, rendered heartily, is invaluable in producing during the years of mental training habits of accuracy, self-reliance, unselfishness, and genuine sympathy with all workers.

Expenses.

THE first payment, due at the opening of the College in September, must be made before the student can take her place in the class room. No exception will be made to this rule, without a written permission from the Treasurer, Mrs. Pauline A. Durant. Checks or money orders should be made payable to Wellesley College.

CHARGES TO STUDENTS RESIDING IN COLLEGE BUILDINGS ARE AS FOLLOWS:—

Board, including heat and lights	\$200 00
Tuition	150 00
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Total	\$350 00
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Due on entrance	\$200 00
Due at the beginning of the second semester	150 00

CHARGES TO STUDENTS NOT RESIDING IN COLLEGE BUILDINGS ARE AS FOLLOWS:—

One full course, or one two-thirds course in academic departments (payable on entrance)	\$35 00
One one-third course in academic departments (payable on entrance)	\$20 00
Students may elect on these terms the equivalent of two and one-third courses.	
More than two and one-third courses, full tuition (\$100 payable on entrance, \$50 at the beginning of the second semester)	\$150 00

All students in the Music or Art course, whether they reside in the College buildings or not, pay extra for instruction in Music or Art. See below.

It must be clearly understood that in case of withdrawal during the year, the student has no claim upon the College for the return of any part of the money she has paid for tuition.

Application for rooms in the College buildings should be made as early as possible. A fee of ten dollars must be sent in January to secure a room for a student intending to enter in the following September. This deposit will be credited on the first College bill; should the room be relinquished the money will be refunded, on condition that the notice be received not later than one month before the opening of the College in September. Rooms in the buildings will be assigned in September, strictly in the order in which the applications were received and registered, and vacancies in the buildings during the year will be filled in the same order.

Board can be obtained in private families in the village for \$5 per week and upwards. Students can arrange for board at the College during the Christmas and spring vacations at \$6 per week.

Students are liable for special damages. Checks or money orders must be made payable to the order of Wellesley College.

EXTRA CHARGES FOR MUSIC LESSONS.

For private instruction for the College year in Piano, Organ, Harmony, Violin, or Vocal Music, two lessons per week,	\$100 00
One lesson per week	50 00
(Lessons forty-five minutes each.)	
For the same Instruction for the College year,—two half-hour lessons per week	75 00
Harmony, class of two, each student, two lessons a week . .	50 00
“ “ three “ “ “ “ . .	35 00
Ensemble playing, class of three, each student	35 00
Interpretation and Analysis, class of three, each student . .	35 00
Sight-singing and Tonic Sol-fa	15 00
(Lessons forty-five minutes weekly.)	
For use of the Piano or Reed Organ, one period daily, for the year	10 00
For two periods daily	20 00
For three periods daily	30 00
For use of the Pipe Organ in Music Hall, one period daily, for the year	15 00
For two periods daily	30 00
For use of the Organ in the College Chapel,* one period daily, for the year	20 00
For two periods daily	40 00
For additional time in proportion.	

Lectures on the Theory and History of Music are free to all students of the College.

Charges for instruction on instruments not mentioned will be fixed when the lessons are arranged.

It is understood that all arrangements for the study of music are made for the entire year. Lessons cannot be discontinued, except for extraordinary reasons, and due notice must be given to the Director. No deduction will be made for lessons lost by the student.

EXTRA CHARGES FOR INSTRUCTION IN ART.

Professional Art Students, for the College year	\$100 00
College Art Students, for the College year	80 00

Each teacher will give instruction two days in each week, and each student will have the use of the studio from 9 A. M. to 4 P. M.

Special students, for one lesson per week for the College year .	\$45 00
For two lessons per week for the College year	80 00

The lessons are two and one-half hours in length.

A pupil who attends during any part of a term is expected to pay the fee for that term.

*The use of the Chapel Organ is permitted only to Music students who are about to graduate.

THE STUDENTS' AID SOCIETY OF WELLESLEY COLLEGE.

The object of this Society is to aid girls who would otherwise be unable to obtain an education. In many cases money is loaned to students without interest, in the expectation that whenever they are able they will repay the Society; assistance is often given partly in gifts and partly in loans.

The income accruing from the scholarships, together with the amount appropriated by the Society in loans and gifts, during the year 1892-93, was \$12,322. During the year 1893-94, \$6,760 was paid. The funds at its disposal are wholly insufficient to meet the wants of the applicants. Contributions of any amount will be gladly received, and should be sent to the Treasurer of the Society, Mrs. Pauline A. Durant, Wellesley, Mass. All applications for assistance must be made by letter, addressed to the Corresponding Secretary, Students' Aid Society, Wellesley, Mass.

The following scholarships of \$5,000* each have been established, their income being appropriated yearly under the direction of the Society :—

The Wood Memorial Scholarship, founded in 1878, by Mrs. Caroline A. Wood, in memory of her husband.

The Grover Scholarship, founded in 1878, by William O. Grover.

The Weston Scholarship, founded in 1878, by David M. Weston.

The Northfield Seminary Scholarship, founded in 1878.

The Pauline A. Durant Scholarship, founded in 1880, by Mr. and Mrs. Durant.

The Sweatman Scholarship, founded in 1880, by Mr. V. C. Sweatman.

The Walter Baker Memorial Scholarship, founded in 1880, by Mrs. Eleanor J. W. Baker; raised to \$7,000 by will of Mrs. Baker in 1892.

The Annie M. Wood Scholarship, founded in 1880, by Frank Wood.

The Frost Scholarship, founded in 1880, by Rufus S. Frost.

The Union Church Scholarship, founded in 1880, by Mr. and Mrs. A. W. Stetson.

The Cheever Scholarship, founded in 1880, by John H. Cheever.

The Florence N. Brown Memorial Scholarship, founded in 1880, by Mr. and Mrs. Samuel N. Brown, Jr.

The Augustus R. Clark Memorial Scholarship, founded in 1880, by Mr. and Mrs. A. N. Clark.

Four Harriet Fowle Scholarships, founded in 1881, by Henry Fowle Durant, in memory of his mother.

The Durant Memorial Scholarship, founded in 1883, by the officers and students of Wellesley College, in honor of Henry F. Durant.

*Unless otherwise indicated.

The Jane Topliff Memorial Scholarship of \$6,000, founded in 1883, by Mrs. William S. Houghton, in memory of her mother.

Five Scholarships known as the "Stone Educational Fund," founded in 1884, by Mrs. Valeria G. Stone.

The Jeannie L. White Scholarship, founded in 1886, by herself.

The Mr. and Mrs. Solomon F. Smith Memorial Scholarship, founded in 1888, by George Smith, for the tuition of students from the town of Wellesley.

The Margaret McClung Cowan Fund, of \$1,000, founded in 1888, by Rev. and Mrs. P. D. Cowan, in memory of their daughter.

The Emmelar Scholarship, founded in 1889, by the Class of '91.

The Sarah J. Houghton Scholarship, of \$6,000, founded in 1889, by William S. Houghton, in memory of his wife.

By provision of Mr. E. A. Goodenow, in 1885, the sum of \$250 is annually divided among five deserving students.

By provision of Science Hill Seminary, Shelbyville, Ky., the sum of \$150 is given each year to the candidate for Wellesley who has made the best record the preceding two years in that Seminary.

The Edith Baker Memorial Scholarship, of \$7,000, founded by bequest of Mrs. E. J. W. Baker, in 1892.

The Joseph N. Fiske Memorial Scholarship, founded in 1892, by Mrs. J. N. Fiske.

The Abbie A. Coburn Memorial Scholarship, of \$2,000, founded in 1892.

The Eliza C. Jewett Scholarship, of \$6,000, founded in 1894; the income to be appropriated to the daughter of a clergyman, a home or foreign missionary, selected by the teachers or professors of the College.

NEEDS OF THE COLLEGE.

The attention of all who appreciate the influence of educated and refined women, is called to the immediate needs of Wellesley College. The College is now established on such a firm basis that it can with confidence appeal to the public for aid. It has been filled with students from its beginning; during the current year it has received 768 students.

The advanced courses of study, the watchful care of the students' health, the standard of character, refinement, and usefulness, are known throughout the country. Hundreds of Wellesley students are already doing good work as teachers, and every year since the College opened, missionaries have gone forth from Wellesley to home or foreign fields of work.

The urgent needs of the College at present are the following :—

1. Unrestricted funds for defraying general expenses.
2. The endowment of the presidency and professorships.
3. A college chapel.
4. Two additional cottages.
5. A gymnasium building.
6. A scientific building.
7. An astronomical observatory, fully equipped and endowed.
8. The further equipment of the School of Art with casts, pictures, engravings, and models.
9. The endowment of the Schools of Music and Art.

FORMS OF BEQUEST.

I give and bequeath to the Trustees of Wellesley College the sum of ——— thousand dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think will be most useful.

I give and bequeath to the Trustees of Wellesley College the sum of ——— thousand dollars, to be safely invested by them, and called the ——— Scholarship Fund. The interest of this fund shall be applied to aid deserving students in Wellesley College.

I give and bequeath to the Trustees of Wellesley College the sum of ——— thousand dollars, to be safely invested by them, and called the ——— Endowment Fund. The interest shall be applied to the payment of the salaries of teachers in Wellesley College, as the Trustees shall deem expedient.

Summary of Students by Classes.

Seniors	119	Resident Graduates	18
Juniors	117	Candidates for Bachelor's Degree	680
Sophomores	194	Noncandidates for Degree	70
Advanced Freshmen	6		
Freshmen	244	Total number, 1894-5	768
Total	680		

Summary of Students by States and Countries.

United States :—		Nebraska	3
Massachusetts	266	Oregon	3
New York	100	Tennessee	3
Pennsylvania	45	Wisconsin	3
Illinois	43	Alabama	2
New Hampshire	41	Arkansas	2
Connecticut	32	Delaware	2
Maine	32	Kansas	2
New Jersey	32	Montana	2
Vermont	26	South Carolina	2
Ohio	25	West Virginia	2
Rhode Island	22	Georgia	1
Missouri	12	South Dakota	1
Iowa	8	Texas	1
Michigan	7	Virginia	1
Colorado	6	Canada	3
District of Columbia	6	Greece	1
Indiana	6	Japan	1
Kentucky	6	Mexico	1
Minnesota	6	Turkey	1
California	4		
Louisiana	3	Total	768
Maryland	3		

Degrees Conferred in 1894.

MASTER OF ARTS.

- EMMA GRACE DEWEY (Wellesley, '85), Jacksonville, Ill. *Thesis: The Development of the English Epic, Historically Considered.*
- CHARLOTTE THORNDIKE SIBLEY (Wellesley, '91), Belfast, Me. *Thesis: The Figures of Similarity in Euripides' Early Dramas.*
- CAROLINE LUCRETIA WILLIAMSON (Wellesley, '89), Chicago, Ill. *Thesis: English Lyric Poetry of the Sixteenth and Nineteenth Centuries.*

BACHELOR OF ARTS.

- | | | | |
|-------------------------------|---------------------|----------------------------|------------------------|
| GRACE CLARA ALBEE, | Melrose, Mass. | ELIZABETH MAY MCGUIRE, | Rochester, N. Y. |
| ROSA NOYES ALLEN, | Bean's Corners, Me. | EFFIE MACMILLAN, | Allegheny, Penn. |
| SARAH CLARISSA WHITE BENSON, | Gambier, O. | HELEN MACMILLAN, | Allegheny, Penn. |
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| LUCY PEARCE BROWNELL, | Newport, R. I. | CAROLYN JOHNSON PECK, | Wellesley Hill, Mass. |
| SARAH JULIA BURGESS, | Silver Creek, N. Y. | MILLCENT LOUISE PEIRCE, | North Adams, Mass. |
| GRACE BARRELLE CARR, | Melrose, Mass. | GRACE HAMILTON PERKINS, | Exeter, N. H. |
| MARY KATHARINE CONYNGTON, | Fort Worth, Texas. | LOUISE JOSEPHINE POPE, | Rocky Brook, R. I. |
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| CAROLINE WILLIAMS FIELD, | Belfast, Me. | MARY REBECCA RUSSELL, | Wellesley, Mass. |
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| MABEL WOODBURY LEAROYD, | Danvers, Mass. | ROXANA HAYWARD VIVIAN, | Hyde Park, Mass. |
| MARY COLLETTE LITTLE, | Norwalk, O. | JANE WILLIAMS, | Corning, N. Y. |
| GRACE ROSINA MCFARLAND, | Cambridge, N. Y. | ELIZABETH MORRIS WOOD, | Somerville, Mass. |

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GRACE OSBORNE EDWARDS,	LaCrosse, Wis.		
LOUISE LIBBY EDWARDS,	Portland, Me.		
HELEN FOSS,	Philadelphia, Penn.		

GRADUATES OF THE SCHOOL OF MUSIC.

PIANO AND HARMONY.

MABEL KELLER, Wellesley, Mass.	MARION SHEFFIELD MITCHELL, Newburgh, N. Y.
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GRADUATES OF THE SCHOOL OF ART.

BERTHA ROCKWELL, Junction City, Kan.	ELLEN DUTTON TOWNSHEND, New Haven, Conn.
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LISTS
OF
COLLEGE OFFICERS, GRADUATES,
AND
SUMMARIES OF STUDENTS
FOR THE YEAR
1893-94

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1893-94.

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WILLIAM LAWRENCE, D.D. *Bishop of Massachusetts.*

†HELEN A. SHAFER, LL.D. *President of Wellesley College.*

*Died March 6, 1894.

†Died January 3, 1894.

‡Died January 20, 1894.

Committees of Visitors.

GREEK AND LATIN.—Henry W. Haynes, Charlton T. Lewis, William H. Ryder, John H. Wright.

MODERN LANGUAGES.—Charles H. Grandgent, Arthur R. Marsh, Louis B. Schwarz.

ENGLISH COMPOSITION AND RHETORIC, AND ELOCUTION.—Barrett Wendell, Hamilton W. Mabie, Edward Stanwood, J. W. Churchill.

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HISTORY.—George E. Merrill, John Fiske, William R. Thayer.

POLITICAL ECONOMY.—Francis A. Walker, Edward Cummings, William De W. Hyde, William J. Tucker.

HISTORY OF ART AND ART SCHOOL.—Martin Brimmer, Sarah W. Whitman, Amos W. Stetson.

MATHEMATICS.—James M. Peirce, Arthur S. Hardy, Harry W. Tyler.

CHEMISTRY AND GEOLOGY.—John H. Washburn, William M. Davis, Leonard P. Kinnicutt.

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BOTANY, ZOÖLOGY, AND PHYSIOLOGY.—George L. Goodale, Charles S. Minot, William T. Sedgwick, Emma J. Fitz.

PHYSICAL TRAINING.—Harold Williams, E. M. Hartwell, Arthur A. Carey, Walter Channing, William E. Russell.

SCHOOL OF MUSIC.—George A. Burdett, Mary E. O'Brien, Kenneth McKenzie, Silas W. Loomis, Gardner S. Lamson.

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HEALTH AND SANITATION.—George W. Shinn, William T. Sedgwick, Edward O. Otis.

BUILDINGS AND GROUNDS.—Arthur Rotch,* Albert A. Pope.

ADMINISTRATION.—Elmer H. Capen, Sarah P. Eastman, Robert Treat Paine.

* Died, August, 1894.

Officers of Instruction and Government.¹

1893-94.

*HELEN ALMIRA SHAFER, M.A.,
President.

SUSAN MARIA HALLOWELL, M.A.,
Professor of Botany.

ELIZABETH HARRIET DENIO,
Professor of German and History of Art.

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Professor of Latin Language and Literature.

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Professor of Physics and Physical Astronomy.

² ANNE EUGENIA MORGAN, M.A.,
Professor of Philosophy.

MARY ALICE WILLCOX,
Professor of Zoölogy.

KATHARINE COMAN, Ph.B.,
Professor of History and Political Economy.

MARGARET ELIZABETH STRATTON, M.A.,
Professor of the English Language and Rhetoric.

MARY ADAMS CURRIER,
Professor of Elocution.

CARLA WENCKEBACH,
Professor of German Language and Literature. Lecturer on Pedagogics.

ANGIE CLARA CHAPIN, B.A.,
Professor of Greek Language and Literature.

ELLEN HAYES, B.A.,
Professor of Mathematics.

¹ Arranged according to rank in the order of appointment.

² Abroad for the Sabbatical year.

*Died January 20, 1894.

HELEN LIVERMORE WEBSTER, PH.D.,
Professor of Comparative Philology.

JULIA JOSEPHINE IRVINE, M.A.,
Professor of Greek Language and Literature.

WILLIAM HARMON NILES, PH.B., M.A.,
Professor of Geology.

KATHERINE LEE BATES, M.A.,
Professor of English Literature.

³ CHARLOTTE FITCH ROBERTS, B.A.,
Associate Professor of Chemistry.

CLARA EATON CUMMINGS,
Associate Professor of Cryptogamic Botany.

EVA CHANDLER, B.A.,
Associate Professor of Mathematics.

MARY SOPHIA CASE, B.A.,
Associate Professor of Psychology and History of Philosophy.

SARA ANNA EMERSON, B.A.,
Associate Professor of Hebrew and Old Testament.

MARY ALICE KNOX, B.A.,
Associate Professor of History.

ELLEN LOUISE BURRELL, B.A.,
Associate Professor of Mathematics.

³ VIDA DUTTON SCUDDER, M.A.,
Associate Professor of English Literature.

ELIZABETH KIMBALL KENDALL, LL.B.,
Associate Professor of History.

ANNIE SYBIL MONTAGUE, M.A.,
Associate Professor of Greek.

MARY WHITON CALKINS, M.A.,
Associate Professor of Psychology.

LUCIA FIDELIA CLARKE,
Instructor in Bible.

³ GRACE EMILY COOLEY,
Instructor in Botany.

³ Absent.

MAUDE GILCHRIST,

Instructor in Botany.

ADELINE PELLISSIER, B.S.,

Instructor in French.

ELLEN FITZ PENDLETON, M.A.,

Instructor in Mathematics.

AMÉLIE TOURNIER,

Instructor in French.

ADELINE BELLE HAWES, B.A.,

Instructor in Latin.

CAROLINE AUGUSTA WOODMAN, S.B., A.M.,

Instructor in Physiology.

MARGARETHE MULLER,

Instructor in German.

SOPHIE JEWETT,

Instructor in English Literature.

MARGARET POLLOCK SHERWOOD, B.A.,

Instructor in Rhetoric and English Literature.

ELSBETH MÜLLER,

Instructor in German.

CHARLOTTE ALMIRA BRAGG, B.S.,

Instructor in Chemistry.

MARGARET HASTINGS JACKSON,

Instructor in Italian and History of Greek Sculpture.

CORA ELIZABETH EVERETT,

Instructor in Elocution.

LOUISE CLARA MARIA HABERMEYER,

Instructor in German.

SARAH COZZENS WEAVER,

Instructor in Rhetoric.

ELLA GOODENOW WILLCOX,

Instructor in Rhetoric.

EDA MAY CLARK, B.L.,

Instructor in Chemistry.

SOPHIE CHANTAL HART,

Instructor in Rhetoric.

MARGARET CLAY FERGUSON,

Instructor in Botany.

MABEL AUGUSTA CHASE, M.A.,

Instructor in Physics.

ETHEL PATON, B.A.,

Instructor in History of Art.

JULIE FÉLICIE MARIE CLAVEL, B.S.,

Instructor in French.

CAROLINE MILES, PH.D.,

Instructor in History.

ISABEL EVANGELINE GRAVES, PH.B.,

Instructor in English Literature.

ELIZA RITCHIE, PH.D.,

Instructor in Philosophy.

ESTHER BOISE VAN DEMAN, A.M.,

Instructor in Latin.

CAROLINE EMMA CROSS,

Instructor in Mineralogy.

HELEN ABBOT MERRILL, B.A.,

Instructor in Mathematics.

EDITH SOUTHER TUFTS, B.A.,

Instructor in Greek.

LOUISE ALLEN KELLOGG,

Instructor in Bible.

ANNA BEINHORN,

Instructor in German.

MARY MARIAN FULLER,

Assistant in Chemical Laboratories.

ALBERT PITTS MORSE,

Curator of Zoölogical Museum and Assistant in Zoölogical Laboratories.

HARRIET ANN WALKER,

Assistant in Botanical Laboratories.

MAY BANTA, B.S.,
Assistant in Chemical and Physical Laboratories.

HENRY PAUL TALBOT, S.B., PH.D.,
Non-resident Lecturer on Qualitative and Quantitative Analysis.

GEORGE PIERCE BAKER, JR., A.B.,
Non-resident Lecturer on Argumentative Composition.

HARRIET HAWES,
Librarian Emeritus.

LYDIA BOKER GODFREY, PH.B.,
Librarian and Instructor in Bibliography.

CARRIE FRANCES PIERCE, B.A.,
Reference Librarian.

RACHEL TAYLOR SPEAKMAN, M.D.,
Resident Physician.

EMILIE JONES BARKER, M.D.,
Resident Physician and Superintendent of The Eliot.

LUCILE EATON HILL,
Director of the Gymnasium.

MARY ANNA WOOD,
Physical Examiner, Department of Physical Culture.

HARTVIG NISSEN,
Instructor in Swedish Gymnastics.

SARAH WOODMAN PAUL, B.A.,
Secretary of the College.

MARY CASWELL,
Secretary to the President.

AGNES GOODELL,
Assistant Secretary.

CATHERINE AYER RANSOM,
Cashier.

ABBY CORA JACKSON,
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Superintendent of the General Office.

BERTHA LYDIA CASWELL,
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Superintendent of Domestic Department in Stone Hall.

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JUNIUS WELCH HILL.
Professor of Music, and Director of the School of Music.

FRANK EUGENE MORSE,
Teacher of Vocal Culture.

EMILY JOSEPHINE HURD,
Teacher of Piano.

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MARIETTA SHERMAN RAYMOND,
Teacher of Violin.

ISABELLE MOORE KIMBALL,
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EMMA SUSAN HOWE,
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MARY ADALINE STOWELL,
Teacher of Piano.

School of Art.

THEODORE WENDEL,
Director of the School of Art.
Drawing and Painting.

AGNES HASTINGS,
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1893-94.

BOARD OF EXAMINERS.—Professors Chapin (*Chairman*), Lord, Stratton, Hayes, Wenckebach, Bates, Coman; Mlle. Pellissier.

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FIRE COMMITTEE.—Misses Clarke (*Chairman*), Everett, Hawes,

Summary of Students by Classes, 1893-94.

Seniors	116	Resident Graduates	14
Juniors	126	Candidates for Bachelor's De-	
Sophomores	147	grees	676
Advanced Freshmen	12	Noncandidates for Degrees	78
Freshmen	275		
	<hr/>		
Total	676	Total number, 1893-4	768

Resident Candidates for higher Degrees	15
Nonresident Candidates for higher Degrees	42

Summary of Students by States and Countries, 1893-94.

United States:—		Maryland	4
Massachusetts	255	Tennessee	4
New York	89	Colorado	3
Pennsylvania	50	Oregon	3
Illinois	44	South Dakota	3
Ohio	38	Louisiana	2
New Hampshire	37	Wisconsin	2
Connecticut	35	Alabama	1
New Jersey	35	Georgia	1
Maine	29	Montana	1
Vermont	21	South Carolina	1
Missouri	19	Texas	1
Rhode Island	18	Virginia	1
District of Columbia	14	Washington	1
Iowa	11	India	3
Kentucky	9	Japan	2
Michigan	8	Nova Scotia	2
Minnesota	6	China	1
Kansas	5	Turkey	1
California	4		
Indiana	4		
		Total	768

Degrees Conferred in 1893.

MASTER OF ARTS.

- EMILY JOSEPHINE CLARK (Wellesley, '82), St. Paul, Minn. *Subject: Roman Administration, Home and Foreign.*
- CAROLYN GILLESPIE DURGIN (Oberlin, '90), New Market, N. H. *Thesis: Influence of Greek Drama on English Tragedy.*
- LUCIE GRAEME GRIEVE (Wellesley, '83), Thomasville, Ga. *Thesis: A Comparison of the Ideas about Death held by Socrates, Cicero, and St. Paul.*
- ELIZABETH GUILD HOYT (Wellesley, '91), Providence, R. I. *Subjects: Mathematics and Chemistry.*
- MARY FRELINGHUYSEN HURLBURT (Wellesley, '87), Bloomfield, N. J. *Thesis: The Relation of the Art Werk der Zukunft, as Expounded by Richard Wagner, to the Music of the Classical School and to Modern Opera.*
- VINNIETTA JUNE LIBBEY (Wellesley, '92), Cleveland, O. *Thesis: Morphological, Histological, and Physiological Study of Sarracenia purpurea.*
- HENRIETTA JACKSON WELLS LIVERMORE (Wellesley, '87), Yonkers, N. Y. *Thesis: Robert Browning's Philosophy of Art.*
- HARRIET LATHROP MERROW (Wellesley, '86), Merrow, Conn. *Thesis: Observations on the Teleuto-stage of Gymnosporangium clavariaforme. D. C.*
- BERTHA PALMER (Wellesley, '91), New York, N. Y. *Thesis: The Nature of Creative Criticism Ethically Considered.*
- HELEN WORTHINGTON ROGERS (Wellesley, '92), Tariffville, Conn. *Thesis: Structural Principles of the English Romantic Drama.*
- MARY LIZZIE SAWYER (Wellesley, '88), Nashua, N. H. *Thesis: Women and Children in English Agriculture.*
- ELIZABETH SLATER (Wellesley, '88), Albion, N. Y. *Thesis: Home Life at Athens in the Fifth Century B. C.*
- KATE MORGAN WARD (Wellesley, '92), Montclair, N. J. *Thesis: Studies in Comus.*

BACHELOR OF ARTS.

- | | |
|--|---|
| <p>ELIZABETH LAETITIA ALLARD,
Framington Centre, Mass.</p> <p>KATE FERRIS ANDREWS,
Seymour, Ind.</p> <p>MINNIE LUCINDA BAIRD,
Lee, Mass.</p> <p>ELIZABETH BEECHER,
Auburn, N. Y.</p> <p>SARAH ANTOINETTE BIGELOW,
Waterville, N. Y.</p> <p>GRACE ESTELLE BLODGETT,
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Arlington, Mass.</p> <p>MARY PINNEO DENNIS,
Newark, N. J.</p> <p>MARY EMMA DILLINGHAM,
Honolulu, H. I.</p> <p>HELEN GERTRUDE EAGER,
Newton, Mass.</p> <p>EMILY HOWARD FOLEY,
Cincinnati, O.</p> <p>LAURA CAROLINE GREEN,
Granville, O.</p> <p>GRACE ELIZA GRENELL,
Detroit, Mich.</p> | <p>EMILY HERSEY HAM,
Dover, N. H.</p> <p>ALICE JULIA HAMLIN,
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Stamford, Conn.</p> <p>ANNIE KENNEDY MOORE,
Mamaroneck, N. Y.</p> <p>FLORENCE LYDIA MUNROE,
Woburn, Mass.</p> <p>CAROLINE NEWCOMBE NEWMAN,
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